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THE COMPUTATION OF GREEN FUNCTIONS OF FINITE CHEVALLEY GROUPS OF TYPE E_n $(n = 6,7,8)$

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July 1982

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The main purpose of this report is to present tables of Green functions for the finite groups E_n ($n = 6,7,8$). It is intended to complement our paper [BS], in which the mathematical significance and interpretation of these results is discussed in detail. A brief account of the computation is also included; some of the technical details may be of interest to others wishing to develop similar programs.

1. The abstract computation

To put the computation in its proper context, and to understand its justification, the reader should be familiar with the first two sections of [BS]. For our purpose, it will suffice to give a sketchy resume of the notation and formulae required to formulate the computational problem and its solution.

let k be an algebraic closure of a finite field F_q($q = p^e$, p a prime). Let G be a simple algebraic group of type E_n ($n = 6,7$ or 8) over k defined over F_q with

Frobenius endomorphism $F : G \to G$. Let W be the Weyl group of G, and U the unipotent variety of G. As in [BS], if H is a finite group, then $H^{\wedge}$ will be used to denote the set of isomorphism classes of irreducible complex representations of H.

As explained in [BS], the Green functions to be computed can be thought of as integer-valued functions on W indexed by elements u in U^F. Each such function Q_u^G depends only on the G^F-conjugacy class of u in U^F. We initially assume that each Q_u^G can be expressed in the form:

$$Q_u^G = \sum_{\kappa}\Big(\sum_{i} n_{u,i,\kappa} q^i\Big)\kappa \tag{1.1}$$

where the coefficients $n_{u,i,\kappa}$ are integers, and the summation is over κ in $W^{\wedge}$. Our calculations vindicate this assumption, and explicitly determine the coefficients $n_{u,i,\kappa}$ in the class of formulae (1.1), or equivalently, the family of polynomials $\sum_i n_{u,i,\kappa} q^i$ indexed by elements κ of $W^{\wedge}$ for a representative u of each G^F-conjugacy class of U^F. The families Q_1^G have already been computed (see [BL]).

The principle of the computation is to determine the Q_u^G's in a particular sequence

$$Q^G_{u_0}, Q^G_{u_1}, Q^G_{u_2}, \ldots, Q^G_{u_{NOCL-1}}, \tag{1.2}$$

(where $(u_0 = 1, u_1, u_2, \ldots, u_{NOCL-1})$ is a transversal of the G^F-conjugacy classes of U^F) in such a way that at each step

$$Q^G_{u+1}, Q^G_{u_{i+2}}, \ldots, Q^G_{u_{i+s}} \tag{1.3}$$

where s = 1,2,3 or (in one exceptional step, for G of type E_8)7, are determined from $Q^G_{u_j}$'s with $j \le i$. As explained in detail in [BS], when $s \ge 1$, the elements $u = u_{i+1}, u_{i+2}, \ldots, u_{i+s}$ are chosen to form a set of representatives for G^F-orbits within C^F, where C is a unipotent class, and are in 1-1 correspondence with conjugacy classes in a group A(u) of isomorphism type (1) (s=1), C_2 (s=2), S_3 (s=3) or S_5 (s=7). The sequence (1.2) then corresponds (in the obvious fashion) to an ordering of the unipotent classes

$$C_1, C_2, \ldots, C_k$$

with the property that $\dim C_i \le \dim C_j$, if $i \le j$. This ensures that if C_i is contained in the closure of C_j, then $i \le j$. (The sequences of the form (1.2) used in our computations for G of type E_6, E_7 and E_8 are described explicitly below.)

It remains to give details of the way in which the polynomial families (1.3) are computed at each step. Suppose then that C, $u = u_{i+1}, u_{i+2}, \ldots, u_{i+s}$ and A(u) are as above. If s = 1, 2 or 3 then to each ϕ in $A(u)^{\wedge}$ there corresponds a unique element of $W^{\wedge}$, denoted $\rho_{u,\phi}$. Adapting formula (2.2) in [BS].

$$|G^F| \sum_{r=1}^{s} |C_G(u_{i+r})^F|^{-1} \langle Q^G_{u_{i+r}}, \rho_{u,\phi}\rangle_W \, Q^G_{u_{i+r}} \qquad (1.4)$$

$$= q^N \varepsilon \rho_{u,\phi} \, Q^G_1 - |G^F| \sum_{j=1}^{i} |C_G(u_j)^F|^{-1} \langle Q^G_{u_j}, \rho_{u,\phi}\rangle_W \, Q^G_{u_j}$$

for each ϕ in $A(u)^{\wedge}$, where N = N(G) is the number of positive roots of G, and $|G^F|$ and $|C_G(u_j)^F|$ are known polynomials in q. Suppose now that $a_1 = 1, a_2, \ldots, a_s$ are representatives of conjugacy classes of A(u) associated with $u_{i+1}, u_{i+2}, \ldots, u_{i+s}$ respectively, under the 1-1 correspondence mentioned above. For the computation, we assume that for a suitable choice of u in C^F:

$$\langle Q^G_{u_{i+r}}, \rho_{u,\phi}\rangle = q^{\beta(u)} \phi(a_r) \text{ for } 1 \le r \le s, \qquad (1.5)$$

where $\beta(u)$ is known. (This assumption is invalid if G is twisted of type E_6, and for one particular class C in E_8 if $q \equiv 2 \pmod 3$). In both cases, the required results can still be obtained by interpreting the computed results appropriately (see [BS] and section 3 below for details).) We can then combine (1.4) and (1.5) to obtain

$$q^{\beta(u)}|G^F| \sum_{r=1}^{s} |C_G(u_{i+r})^F|^{-1}\phi(a_r)Q^G_{u_{i+r}} \tag{1.6}$$

$$= q^N \varepsilon\, \rho_{u,\phi} Q^G_1 - |G^F| \sum_{j=0}^{i} |C_G(u_j)^F|^{-1} \langle Q^G_{u_j}, \rho_{u,\phi}\rangle_W\, Q^G_{u_j}$$

for each ϕ in $A(u)^\wedge$. This is a system of linear equations with as many equations as unknowns which has the $Q^G_{u_{i+r}}$ $(1 \le r \le s)$ as unique solution.

In the exceptional case (which arises once only, when G is of type E_8), there is a unipotent class C', together with representatives

$$v = u_{t+1},\ldots,u_{t+7} \tag{1.7}$$

for the G^F-orbits of $(C')^F$, with $A(v)$ isomorphic to S_5. In this case, $\rho_{v,\phi}$ is defined for all but one element of $A(v)^\wedge$, and the analogue of (1.6) supplies 6 equations in 7 unknowns. The exceptional element of $A(v)^\wedge$ corresponds to the sign representation ε of S_5.

For b in A(v), let v_b denote the representative associated with the conjugacy class of b of A(v) in (1.7). Let

$$Q^G_{v,\varepsilon} = |A(v)|^{-1} \sum_{b\varepsilon A(v)} \varepsilon(b)\, Q^G_{v_b}.$$

It can be shown [BS] that the polynomial

$$|C_G(v_b)^F| = |C_{A(v)}(b)|q^{40}, \tag{1.8}$$

where $C_{A(v)}(b)$ is the centraliser of b in A(v). From (1.8), it is easy to see that if $Q^G_{v,\varepsilon} = 0$, then

$$|G^F| \sum_{r=1}^{s} |C_G(u_{i+r})^F|^{-1} \varepsilon(a_r) Q^G_{u_{i+r}} = 0. \tag{1.9}$$

As explained in [BS], it is possible to assume that $Q^G_{v,\varepsilon} = 0$ and carry out the computation of (possibly spurious) families $Q^*_{u_{t+r}}$ $(1 \le r \le 7)$ and $Q^*_{u_j}$ $(j > t+7)$ by adjoining (1.9) to the 6 equations derived as in (1.6). To verify that the results obtained in this way are correct, it then suffices to check that if $u = u_{j+1},\ldots,u_{j+s}$ $(j \ge t+7)$ as in (1.3) are associated with a subsequent step, then (letting $Q^*_{u_i}$ denote $Q^G_{u_i}$ for $0 \le i \le t$):

$$|G^F| \sum_{i=0}^{j+s} |C_G(u_i)^F|^{-1} \langle Q^*_{u_i}, \rho_{u,\phi}\rangle^2 = q^N \langle \varepsilon\rho_{u,\phi} Q^G_1, \rho_{u,\phi}\rangle \tag{1.10}$$

for all ϕ in $A(u)^\wedge$.

Our main computation, which is described in fuller detail below, calculates the Green functions Q^G_u as in (1.2) by the above method. However, if $s > 1$, and

$$u = u_{i+1}, u_{i+2}, \ldots, u_{i+s}$$

are as in (1.3), the results presented in our tables are the polynomial families $Q^G_{u,\phi}$ ($\phi \in A(u)^\wedge$), where

$$Q^G_{u,\phi} = \sum_{r=1}^{s} |C_{A(u)}(a_r)|^{-1} \phi(a_r) Q^G_{u_{i+r}}, \tag{1.11}$$

in the notation of (1.6). (In particular, the fact that $Q_{v,\varepsilon} = 0$ when G is of type E_8 and $A(v) \cong S_5$ is explicit in the tables.)

2. The computer calculations

In this section, we give brief technical details of the actual computations made. Since the essential features of the computation are illustrated adequately when G is of type E_6, we consider this case in detail. The special abstract and practical problems associated with the case when G is of type E_8 will be briefly discussed later.

Assume that G is of type E_n, where $n = 6$, and that W denotes the Weyl group of G. For convenience, the elements of $W^\wedge$ will be referred to as "characters", and the G^F-conjugacy classes of U^F as "classes".

The data initially available is as listed below.

The sequence

$$1 = u_0, u_1, \ldots, u_{NOCL-1} \quad (NOCL = 25) \tag{2.1}$$

of representatives of classes associated with (1.2).

The vector

$$\beta(u_0), \beta(u_1), \ldots, \beta(u_{NOCL-1}) \tag{2.2}$$

where $N = \beta(1)$ (= 36).

The family of polynomials in Z[q]:

$$|C_G(u_i)^F| \quad (0 \le i < NOCL)$$

where $|G^F| = |C_G(1)^F|$, and in general $|C_G(u_i)^F|$ has degree $2\beta(i) + n = 2\beta(i) + 6$.

The set of characters

$$\kappa_0, \kappa_1, \ldots, \kappa_{NOCH-1} \quad (NOCH = 25) \tag{2.4}$$

which are identified with the columns of the 25 × 25 character table of W.

The vector

$$c_0, c_1, \ldots, c_{NOCH-1} \tag{2.5}$$

specifying the sizes of conjugacy classes in W.

The family Q_1^G of polynomials in Z[q]:

$$\sum_{k=0}^{N} n_{1,k,\kappa} q^k \quad \text{for } \kappa \text{ in } W^\wedge \tag{2.6}$$

For each pair u and ϕ in $A(u)^\wedge$ as in (1.4) the associated character $\rho_{u,\phi}$ is also known. As described previously, if $u = u_{i+1}, u_{i+2}, \ldots, u_{i+s}$ (where s = 1,2 or 3) are the representatives associated with one step of the computation as in (1.3), then the u_i's are in 1-1 correspondence with the conjugacy classes of A(u), and hence in (non-canonical) 1-1 correspondence with the elements of $A(u)^\wedge$. It is computationally convenient to exploit the artificial correspondence

$$u_{i+r} \leftrightarrow \phi_r \in A(u)^\wedge \qquad (1 \le r \le s)$$

set up in this way, and to consider ρ_{u,ϕ_r} as corresponding to u_{i+r}. The family ρ_{u,ϕ_r} can then be conceived as a vector of characters

$$\rho(u_0) = \kappa_{\sigma(0)},\ \rho(u_1) = \kappa_{\sigma(1)}, \ldots, \rho(u_{NOCL-1}) = \kappa_{\sigma(NOCL-1)} \qquad (2.7)$$

where $\rho(u_{i+r})$ is defined as ρ_{u,ϕ_r}. (The map σ is in fact a permutation of $(0,1,\ldots,NOCL-1 = NOCH-1)$.)

The result required (c.f. (1.1)) is the indexed set of families of polynomials

$$Q^G_{u_i} \qquad (0 \le i < NOCL)$$

where $Q^G_{u_i}$ comprises polynomials

$$z_{i\kappa}(q) = \sum_{k=0}^{\beta(i)} n_{u_i,k,\kappa} q^k \text{ for } \kappa \text{ in } W^\wedge, \qquad (2.8)$$

and Q^G_1 is given as input (2.6).

As explained above, the families $Q^G_{u_i}$ are computed in sequence from (1.6). There are two computational steps for which $s = 2$; the families $(Q^G_{u_5}, Q^G_{u_6})$ and $(Q^G_{u_{21}}, Q^G_{u_{22}})$

are computed together. There is one step for which $s = 3$; the families $(Q^G_{u_{13}}, Q^G_{u_{14}}, Q^G_{u_{15}})$ are computed together.

For $0 \le i < NOCL$, let $f_i(q)$ denote $|G^F||C_G(u_i)^F|^{-1}$. For each ϕ_t in $A(u)^\wedge$ $(1 \le t \le s)$, equation (1.6) can then be expressed more simply as

$$q^{\beta(u)} \sum_{r=1}^{s} \phi_t(a_r) f_{i+r}(q) Q^G_{u_{i+r}} \tag{2.9}$$

$$= q^N \varepsilon\, \kappa_{\sigma(t)}\, Q^G_1 - \sum_{j=0}^{i} \langle Q^G_{u_j}, \kappa_{\sigma(t)} \rangle_W f_j(q) Q^G_{u_j}.$$

Since we work with this variant of (1.6), the polynomials $f_i(q)$ are pre-computed from (2.3). Moreover, in view of the form of (2.9), it proves to be useful to store the families

$$f_i(q)\, Q^G_{u_i} \qquad (0 \le i < NOCL) \tag{2.10}$$

together with the families $Q^G_{u_i}$. (It is in fact necessary to work with an integer multiple of the f_i's to avoid rational arithmetic.)

To further simplify (2.9), observe that

$$\varepsilon\, \kappa_{\sigma(t)}\, Q^G_1 = \sum_{\tilde{\kappa}} \Big(\sum_{k=0}^{N} n_{1,k,\tilde{\kappa}} q^k \Big) \varepsilon\, \kappa_{\sigma(t)} \tilde{\kappa}. \tag{2.11}$$

Using (2.4) and (2.5) the product of characters $\varepsilon\,\kappa_{\sigma(t)}\tilde{\kappa}$ can be expressed in the form

$$\sum_{\kappa} e_{\tilde{\kappa},\kappa}\,\kappa \quad \text{for} \quad \tilde{\kappa}\in W^{\wedge}. \tag{2.12}$$

Substituting in (2.10) and re-arranging gives

$$q^{N}\,\varepsilon\,\kappa_{\sigma(t)} = \sum_{\kappa}\Big(\sum_{k=0}^{N}\Big(\sum_{\tilde{\kappa}} n_{1,k,\tilde{\kappa}}\,e_{\tilde{\kappa},\kappa}\Big)q^{k}\Big)\kappa \tag{2.13}$$

Using (1.1) and (2.13) it is then possible to re-write (2.9) as a family of equations indexed by characters, viz:

$$\sum_{r=1}^{s} \phi_t(a_r)f_{i+r}(q)z_{i+r\kappa}(q) \tag{2.14}$$

$$= q^{N-\beta(u)}\sum_{k=0}^{N}\Big(\sum_{\tilde{\kappa}} n_{1,k,\tilde{\kappa}}e_{\tilde{\kappa},\kappa}\Big)q^{k} - \sum_{j=0}^{i} z_{j\kappa_{\sigma(t)}}(q)\,f_j(q)\,z_{j\kappa}(q)$$

for κ in $W^{\wedge}$.

The system of equations (2.14), where ϕ_t ranges over $A(u)^{\wedge}$, is the explicit version of (1.6) used by our programs. Note that for each character κ, the determination of the polynomials $f_{i+r}(q)\ z_{i+r\kappa}(q)$ is straightforward, since the coefficients on the LHS of (2.14) depend only upon $A(u)$. The polynomials $z_{i+r\kappa}(q)$ are then found by polynomial division.

It remains to consider the way in which polynomial data is represented in the above computation. In the case of E_6, it would be possible to represent all polynomials simply by sufficiently long coefficient vectors. The families $Q^G_{u_i}$ might then be stored in coefficient form in a $25 \times 25 \times 37$ array of integers, and the families (2.10) similarly in a $25 \times 25 \times 73$ array. Such representations are too wasteful to be feasible for E_7 and E_8, and an alternative method is used. Almost all polynomials are stored as triples (U,L,A), where U and L are non-negative integers, and A is a coefficient vector of length U-L+1. Thus (U,L,A) encodes the polynomial

$$q^L(a_0 + a_1 q + \ldots + a_{U-L} q^{U-L})$$

where $A = (a_0, a_1, \ldots, a_{U-L})$ and $a_0 a_{U-L} \neq 0$. Multiplication and division of polynomials is performed relative to this representation. Coefficient arrays are used to represent polynomials only in the computation of the RHS of (2.14); for this purpose, it is convenient to have Q^G_1 in array form so that the computation of the first term is a matrix multiplication, and the accumulation of terms is also most simply carried out on a coefficient array.

When G is of type E_7, the method of computation described above applies subject to minor changes. For E_7, the parameters NOCH, NOCL and N are respectively 60, 60 and 63.

When G is of type E_8, there are significant differences. In this case, the number of classes (NOCL) is 113, the number of characters (NOCH) is 112, and $N = 120$. For the particular sequence (2.1) used in our program, the exceptional step occurs when the families

$$(Q^G_{u_{59}}, Q^G_{u_{60}}, Q^G_{u_{61}}, Q^G_{u_{62}}, Q^G_{u_{63}}, Q^G_{u_{64}}, Q^G_{u_{65}})$$

are computed together that is, $t = 58$ and $v = u_{59}$ in the context of (1.7). Here $\rho_{v,\varepsilon}$ is undefined, and the vector (2.7) accordingly has a missing entry at this point. The system of equations

$$\sum_{r=1}^{7} \varepsilon(a_r) f_{58+r}(q) z_{58+r\,\kappa}(q) = 0 \text{ for } \kappa \text{ in } \hat{W}, \qquad (2.15)$$

is used in conjunction with (2.14) in this exceptional step. The computation is otherwise similar to that carried out for E_6 and E_7. (The required checks are easily made subject to storing the data needed to verify (1.10) as it is computed.)

The computation of our tables for E_8 also presented peculiar technical difficulties, largely on account of the enormous amount of data involved. (The input data required by this program comprised about 36,000 integers.) Compiling the data was itself a major part of the programming effort, for which a number of auxiliary programs were written. Most of the computation was programmed in C for the local VAX-11/750 system, but the pre-computation of the polynomials $f_i(q)$ for E_8 (and E_7) was carried out on an APL system at IBM Warwick.

In the main computation for G of type E_8, a very large proportion of the processing time was spent in computing the 112 matrices $(e_{\tilde{\kappa},\kappa})$ of size 112×112, which required double-length (64 bit 2's complement) arithmetic. The computation of the first 52 tables required approximately 800 minutes process time. To cope with errors in data, it was (inevitably) necessary to devise a recovery version of the program to read the tables so far computed, and re-start the computation. An early version of this program required a notional 600 minutes process time to recover the first 52 tables! This problem was the result of using an inappropriate storage allocation mechanism, and modification reduced the elapsed time required for recovery of data from days to minutes. This was particularly significant since recovery of all 113 tables was needed to cast the results into the form (1.11) in which they appear below.

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References

[BL] Some numerical results on the characters of exceptional Weyl groups, W.M. Beynon and G. Lusztig. Math. Proc. Camb. Phil. Soc. (1978), 84, 417-426.

[BS] Green functions of finite Chevalley groups of type E_n (n=6,7,8), W.M. Beynon and N. Spaltenstein (1982).

3. The tables

Tables for Springer's representations are given below. The Green functions can be expressed in terms of these. For E_7 and E_8, the part which is relevant to applications (E) and (F) of [BS], that is, the determination of all inclusions of closures of unipotent classes and the branching of such closures, is given in a separate table.

The characteristic is assumed to be good. For Green functions we must further assume that p and q are large.

I. Springer's representations.

We give the integers $n_{u,\phi,i,\chi}$ ($u \in G$ unipotent, $\phi \in A(u)^\wedge$, $i \in \mathbb{N}$, $\chi \in W^\wedge$) defined by $n_{u,\phi,i,\chi} = \langle \chi \otimes \phi, H^{2i}(\mathcal{B}_u^G) \rangle_{W \times A(u)}$ (see [BS]). We adopt the convention that the representation in degree 0 is trivial.

The Green functions can be recovered as follows. Suppose first that G is split and let C be a unipotent class in G. There are then two cases to consider:

(i) there is a split element u_1 in C^F (in the sense of [BS]). If the G^F-class of $u \in C^F$ corresponds to $a \in A(u)$ and if T_w is an F-stable maximal torus corresponding to $w \in W$, then

$$Q_{T_w,G}(u) = Q_u^G(w) = \sum_{\substack{\chi\in W^\wedge \\ \phi\in A(u)^\wedge \\ i\geq 0}} n_{u,\phi,i,\chi}\phi(a)\ \chi(w)\ q^i$$

(ii) there is no split element in C^F; this is the case only if G is of type E_8, C is the class $D_8(a_3)$ and $q \equiv -1 \pmod 3$.

In this case we choose $u \in C^F$ in such a way that F acts trivially on $A(u) \cong S_3$. With the same notations as above, we have then

$$Q_{T_w,G}(u) = \sum_{\substack{\chi\in W^\wedge \\ i\geq 0}} (n_{u,1,i,\chi} + \sigma(a)n_{u,\sigma,i,\chi} - \varepsilon(a)n_{u,\varepsilon,i,\chi})\chi(w)\ q^i$$

where σ (resp. ε) is the two-dimensional (resp. the sign) representation of S_3.

If G is twisted of type E_6, the Green functions are obtained by replacing q by $-q$ and w by $w_o w$ in the polynomials giving the Green functions for split groups of type E_6. Here w_o is the longest element of W. The details are given in [BS].

There is one table for each $\chi \in W^\wedge$. We use Frame's notations for χ. The lines in the tables correspond to the integer i. The columns correspond to the pairs (u,ϕ) ($u \in G$ unipotent, $\phi \in A(u)^\wedge$) taken up to conjugacy.

The following facts have been used to condense the tables for E_7 and E_8:

(a) for χ and (u,ϕ) fixed, the integers i such that $n_{u,\phi,i,\chi} \neq 0$ all have the same parity (this is an empirical observation).

(b) in most cases the column giving $n_{1,1,i,\chi}$ (χ fixed) is palindromic, that is, there is an integer m such that $n_{1,1,i,\chi} = n_{1,1,m-i,\chi}$ for all i. In some cases we have truncated this column, and indicated the integer m/2 (m is even) by a sign $\succ$.

We have numbered the conjugacy classes of pairs (u,ϕ). For the class of u we use the same notations as Bala and Carter. The characters of $A(u) \cong S_r$ are labelled by partitions of r, with (r) for the trivial character and (1,...,1) for the sign. The numbering is as follows.

$\underline{E_6}$

number	u	ϕ	number	u	ϕ
0	$\emptyset$	(1)	13	$D_4(a_1)$	(2,1)
1	A_1	(1)	14	$D_4(a_1)$	(1,1,1)
2	$2A_1$	(1)	15	A_4	(1)
3	$3A_1$	(1)	16	D_4	(1)
4	A_2	(2)	17	A_4+A_1	(1)
5	A_2	(1,1)	18	$D_5(a_1)$	(1)
6	A_2+A_1	(1)	19	A_5	(1)
7	$2A_2$	(1)	20	$E_6(a_3)$	(2)
8	A_2+2A_1	(1)	21	$E_6(a_3)$	(1,1)
9	A_3	(1)	22	D_5	(1)
10	$2A_2+A_1$	(1)	23	$E_6(a_1)$	(1)
11	$D_4(a_1)$	(3)	24	E_6	(1)
12	$D_4(a_1)$	(3)			

The class $E_6(a_3)$ is denoted A_5+A_1 by Mizuno.

$\underline{E_7}$

number	u	ϕ	number	u	ϕ
0	$\emptyset$	(1)	20	A_3+2A_1	(1)
1	A_1	(1)	21	D_4	(1)
2	$2A_1$	(1)	22	$D_4(a_1)+A_1$	(2)
3	$(3A_1)''$	(1)	23	$D_4(a_1)+A_1$	(1)
4	$(3A_1)'$	(1)	24	A_3+A_2	(2)
5	A_2	(2)	25	A_3+A_2	(1,1)
6	A_2	(1,1)	26	$A_3+A_2+A_1$	(1)
7	$4A_1$	(1)	27	A_4	(2)
8	A_2+A_1	(2)	28	A_4	(1,1)
9	A_2+A_1	(1,1)	29	D_4+A_1	(1)
10	A_2+2A_1	(1)	30	$(A_5)''$	(1)
11	A_2+3A_1	(1)	31	A_4+A_1	(2)
12	$2A_2$	(1)	32	A_4+A_1	(1,1)
13	A_3	(1)	33	A_4+A_2	(1)
14	$(A_3+A_1)''$	(1)	34	$D_5(a_1)$	(2)
15	$2A_2+A_1$	(1)	35	$D_5(a_1)$	(1,1)
16	$(A_3+A_1)'$	(1)	36	$D_5(a_1)+A_1$	(1)
17	$D_4(A_1)$	(3)	37	$(A_5)'$	(1)
18	$D_4(a_1)$	(2,1)	38	A_5+A_1	(1)
19	$D_4(a_1)$	(1,1,1)			

number	u	ϕ	number	u	ϕ
39	$E_6(a_3)$	(2)	50	$E_7(a_4)$	(1,1)
40	$E_6(a_3)$	(1,1)	51	$E_6(a_1)$	(2)
41	$D_6(a_2)$	(1)	52	$E_6(a_1)$	(1,1)
42	$E_7(a_5)$	(3)	53	D_6	(1)
43	$E_7(a_5)$	(2,1)	54	$E_7(a_3)$	(2)
44	$E_7(a_5)$	(1,1,1)	55	$E_7(a_3)$	(1,1)
45	D_5	(1)	56	E_6	(1)
46	A_6	(1)	57	$E_7(a_2)$	(1)
47	D_5+A_1	(1)	58	$E_7(a_1)$	(1)
48	$D_6(a_1)$	(1)	59	E_7	(1)
49	$E_7(a_4)$	(2)			

The correspondence with Mizuno's notations is as follows:

Bala-Carter	Mizuno	Bala-Carter	Mizuno
$E_7(a_3)$	D_6+A_1	$E_6(a_3)$	$(A_5+A_1)'$
$E_7(a_4)$	$D_6(a_1)+A_1$	A_5+A_1	$(A_5+A_1)''$
$E_7(a_5)$	$D_6(a_2)+A_1$		

$\underline{E_8}$

number	u	ϕ	number	u	ϕ
0	$\emptyset$	(1)	18	$D_4(a_1)$	(1,1,1)
1	A_1	(1)	19	$2A_2+2A_1$	(1)
2	$2A_1$	(1)	20	D_4	(1)
3	$3A_1$	(1)	21	$D_4(a_1)+A_1$	(3)
4	A_2	(2)	23	$D_4(a_1)+A_1$	(2,1)
5	A_2	(1,1)	24	$D_4(a_1)+A_1$	(1,1,1)
6	$4A_1$	(1)	25	A_3+A_2	(2)
7	A_2+A_1	(2)	26	A_3+A_2	(1,1)
8	A_2+A_1	(1,1)	27	A_4	(2)
9	A_2+2A_1	(1)	28	A_4	(1,1)
10	A_3	(1)	29	$A_3+A_2+A_1$	(1)
11	A_2+3A_1	(1)	30	$D_4(a_1)+A_2$	(2)
12	$2A_2$	(2)	31	$D_4(a_1)+A_2$	(1,1)
13	$2A_2$	(1,1)	32	D_4+A_1	(1)
14	$2A_2+A_1$	(1)	33	$2A_3$	(1)
15	A_3+A_1	(1)	34	A_4+A_1	(2)
16	$D_4(a_1)$	(3)	35	A_4+A_1	(1,1)
17	$D_4(a_1)$	(2,1)	36	$D_5(a_1)$	(2)

number	u	ϕ	number	u	ϕ
37	$D_5(a_1)$	(1,1)	57	$E_7(a_5)$	(2,1)
38	A_4+2A_1	(2)	58	$E_7(a_5)$	(1,1,1)
39	A_4+2A_1	(1,1)	59	$E_8(a_7)$	(5)
40	A_4+A_2	(1)	60	$E_8(a_7)$	(4,1)
41	$A_4+A_2+A_1$	(1)	61	$E_8(a_7)$	(3,2)
42	$D_5(a_1)+A_1$	(1)	62	$E_8(a_7)$	(3,1,1)
43	A_5	(1)	63	$E_8(a_7)$	(2,2,1)
44	D_4+A_2	(2)	64	$E_8(a_7)$	(2,1,1,1)
45	D_4+A_2	(1,1)	65	$E_8(a_7)$	(1,1,1,1,1)
46	$E_6(a_3)$	(2)	66	D_5+A_1	(1)
47	$E_6(a_3)$	(1,1)	67	$D_6(a_1)$	(2)
48	D_5	(1)	68	$D_6(a_1)$	(1,1)
49	A_4+A_3	(1)	69	A_6	(1)
50	$D_5(a_1)+A_2$	(1)	70	A_6+A_1	(1)
51	A_5+A_1	(1)	71	$E_7(a_4)$	(2)
52	$E_6(a_3)+A_1$	(2)	72	$E_7(a_4)$	(1,1)
53	$E_6(a_3)+A_1$	(1,1)	73	D_5+A_2	(2)
54	$D_6(a_2)$	(2)	74	D_5+A_2	(1,1)
55	$D_6(a_2)$	(1,1)	75	$E_6(a_1)$	(2)
56	$E_7(a_5)$	(3)	76	$E_6(a_1)$	(1,1)

number	u	ϕ	number	u	ϕ
77	D_6	(1)	97	$E_8(b_5)$	(2,1)
78	$D_7(a_2)$	(2)	98	$E_8(b_5)$	(1,1,1)
79	$D_7(a_2)$	(1,1)	99	D_7	(1)
80	E_6	(1)	100	$E_8(a_5)$	(2)
81	A_7	(1)	101	$E_8(a_5)$	(1,1)
82	$E_6(a_1)+A_1$	(2)	102	$E_7(a_1)$	(1)
83	$E_6(a_1)+A_1$	(1,1)	103	$E_8(b_4)$	(2)
84	$E_7(a_3)$	(2)	104	$E_8(b_4)$	(1,1)
85	$E_7(a_3)$	(1,1)	105	$E_8(a_4)$	(2)
86	$E_8(b_6)$	(3)	106	$E_8(a_4)$	(1,1)
87	$E_8(b_6)$	(2,1)	107	E_7	(1)
88	$E_8(b_6)$	(1,1,1)	108	$E_8(a_3)$	(2)
89	$D_7(a_1)$	(2)	109	$E_8(a_3)$	(1,1)
90	$D_7(a_1)$	(1,1)	110	$E_8(a_2)$	(1)
91	E_6+A_1	(1)	111	$E_8(a_1)$	(1)
92	$E_8(a_6)$	(3)	112	E_8	(1)
93	$E_8(a_6)$	(2,1)			
94	$E_8(a_6)$	(1,1,1)			
95	$E_7(a_2)$	(1)			
96	$E_8(b_5)$	(3)			

The correspondence with Mizuno's notations is as follows:

Bala-Carter	Mizuno	Bala-Carter	Mizuno
$E_8(a_3)$	E_7+A_1	$E_8(a_7)$	$2A_4$
$E_8(a_4)$	D_8	$E_7(a_3)$	D_6+A_1
$E_8(b_4)$	$E_7(a_1)+A_1$	$E_7(a_4)$	$D_6(a_1)+A_1$
$E_8(a_5)$	$D_8(a_1)$	$E_7(a_5)$	A_5+A_2
$E_8(a_5)$	$D_8(a_1)$	$E_7(a_5)$	A_5+A_2
$E_8(b_5)$	$E_7(a_2)+A_1$	$E_6(a_3)+A_1$	A_5+2A_1
$E_8(a_6)$	A_8	$E_6(a_3)$	$(A_5+A_1)''$
$E_8(b_6)$	$D_8(a_3)$	A_5+A_1	$(A_5+A_1)'$

E 6

```
Character = 1
             p

 0:   1  1  1  1  1     1  1  1  1  1  1  1        1  1  1  1  1  1     1  1  1

      0  1  2  3  4: 5  6  7  8  9 10 11 12:13:14 15 16 17 18 19 20:21 22 23 24
```

```
Character = 6
             p

11:   1
10:
 9:
 8:   1  1
 7:   1  1  1
 6:
 5:   1  1  1  1  1  1  1  1
 4:   1  1  1  1  1     1     1  1
 3:                              1     1     1     1
 2:                                                   1     1        1
 1:   1  1  1  1  1     1  1  1  1  1  1  1        1  1  1  1  1  1     1  1

      0  1  2  3  4: 5  6  7  8  9 10 11 12:13:14 15 16 17 18 19 20:21 22 23
```

```
Character = 20
              p

16:   1
15:   1
14:   1
13:   1
12:   2  1
11:   1  1
10:   2  2  1
 9:   2  2  1
 8:   2  2  2  1  1
 7:   1  1  1  1  1  1  1
 6:   2  2  2  2  2  1  2  1  1  1
 5:   1  1  1  1  1     1     1  1
 4:   1  1  1  1  1     1  1  1  2  1  2  1  1     1  1
 3:   1  1  1  1  1     1  1  1  1  1  1  1        1  1  1  1
 2:   1  1  1  1  1     1  1  1  1  1  1  1        1  1  1  1  1  1     1

      0  1  2  3  4: 5  6  7  8  9 10 11 12:13:14 15 16 17 18 19 20:21 22
```

Character = 15
p

	0	1	2	3	4:	5	6	7	8	9	10	11	12:	13:	14	15	16	17	18	19	20:	21
19:	1																					
18:	1																					
17:																						
16:	1																					
15:	2	1																				
14:																						
13:	1	1																				
12:	3	2	1																			
11:	1	1	1																			
10:						1																
9:	2	2	1	1	1	1	1															
8:	1	1	1																			
7:										1												
6:	1	1	1	1	1	1	1	1							1							
5:	1	1	1	1	1		1		1	1												
4:										1		1		1		1						
3:																	1		1			1

Character = 30
p

	0	1	2	3	4:	5	6	7	8	9	10	11	12:	13:	14	15	16	17	18	19	20:	21
21:	1																					
20:																						
19:	1																					
18:	1																					
17:	2																					
16:	1																					
15:	3	1																				
14:	2	1																				
13:	3	2	1																			
12:	2	2																				
11:	3	3	2																			
10:	2	2	1																			
9:	3	3	3	2	2	1	1	1														
8:	1	1	1	1	1	1	1															
7:	2	2	2	2	2	1	2	1	1	1												
6:	1	1	1	1	1		1		1	1												
5:	1	1	1	1	1		1	1	1	2	1	2	1	1		1						
4:																						
3:	1	1	1	1	1		1	1	1	1	1	1	1			1	1	1	1	1	1	

Character = 15
q

	0	1	2	3	4:	5	6	7	8	9	10	11	12:	13:	14	15	16	17	18	19
20:	1																			
19:																				
18:	1																			
17:	1																			
16:	1																			
15:																				
14:	2	1																		
13:	1	1																		
12:	1	1	1																	
11:	1	1																		
10:	2	2	2	1																
9:																				
8:	1	1	1	1	1	1	1	1												
7:	1	1	1	1	1		1		1											
6:	1	1	1	1	1		1	1	1	1	1	1								
5:																				
4:	1	1	1	1	1		1	1	1	1	1	1	1			1		1		1

Character = 64
p

	0	1	2	3	4:	5	6	7	8	9	10	11	12:	13:	14	15	16	17	18
23:	1																		
22:	1																		
21:	1																		
20:	3																		
19:	3																		
18:	3																		
17:	5	1																	
16:	5	2																	
15:	4	2																	
14:	6	4	1																
13:	6	5	2																
12:	4	4	2																
11:	5	5	3	1	1	1													
10:	5	5	4	2	2	1	1												
9:	3	3	3	2	2	1	1												
8:	3	3	3	3	3	2	3	1	1	1									
7:	3	3	3	3	3	1	3	1	2	2									
6:	1	1	1	1	1		1		1	2		1		1					
5:	1	1	1	1	1		1	1	1	2	1	2	1	1		1	1		
4:	1	1	1	1	1		1	1	1	1	1	1	1			1	1	1	1

Character = 60
p

25:	1																	
24:	1																	
23:	1																	
22:	2																	
21:	3																	
20:	2																	
19:	4																	
18:	5	1																
17:	4	1																
16:	4	2																
15:	6	4	1															
14:	4	4	1															
13:	4	4	2															
12:	5	5	3	1														
11:	4	4	4	2	1													
10:	2	2	2	2	2	1	1											
9:	3	3	3	3	3	2	3	1	1									
8:	2	2	2	2	2		2		2	1								
7:	1	1	1	1	1		1	1	1	1	1	1						
6:	1	1	1	1	1		1	1	1	1	1	1	1					
5:	1	1	1	1	1		1	1	1	1	1	1	1			1		1
	0	1	2	3	4:	5	6	7	8	9	10	11	12:	13:	14	15	16	17

Character = 24
p

24:	1																
23:																	
22:	1																
21:	1																
20:	1																
19:	1																
18:	3	1															
17:	1																
16:	2	1															
15:	2	1															
14:	2	2	1														
13:	1	1															
12:	3	3	2	1	1												
11:	1	1	1														
10:	1	1	1	1	1												
9:	1	1	1	1	1	1	1										
8:	1	1	1	1	1		1		1	1							
7:																	
6:	1	1	1	1	1		1	1	1	1	1	1	1				1
	0	1	2	3	4:	5	6	7	8	9	10	11	12:	13:	14	15	16

Character = 81_{p}

	0	1	2	3	4:	5	6	7	8	9	10	11	12:	13:	14	15
26:	1															
25:	1															
24:	2															
23:	2															
22:	4															
21:	4															
20:	5															
19:	5	1														
18:	7	2														
17:	6	3														
16:	7	4	1													
15:	6	5	1													
14:	7	6	3													
13:	5	5	2													
12:	5	5	4	1	1	1										
11:	4	4	3	2	2	1	1									
10:	4	4	4	3	3	2	2	1								
9:	2	2	2	2	2	1	2		1	1						
8:	2	2	2	2	2	1	2	1	1	1						
7:	1	1	1	1	1		1		1	1						
6:	1	1	1	1	1		1	1	1	2	1	2	1	1		1

Character = 20_{s}

	0	1	2	3	4:	5	6	7	8	9	10	11	12:	13:	14
26:	1														
25:															
24:	1														
23:	2														
22:	1														
21:															
20:	3	1													
19:	2	1													
18:															
17:	2	1													
16:	3	2	1												
15:															
14:	1	1				1									
13:	2	2	1												
12:	1	1	1												
11:						1									
10:	1	1	1	1	1	1	1								
9:															
8:										1					
7:															1

Character = 90_s

28:	1														
27:	2														
26:	1														
25:	3														
24:	4														
23:	4														
22:	5														
21:	8	1													
20:	6	1													
19:	7	2													
18:	8	4													
17:	7	5	1												
16:	6	5	1												
15:	8	7	3												
14:	5	5	3												
13:	4	4	3	1	1	1									
12:	4	4	3	2	2	2	1								
11:	3	3	3	2	2	1	1								
10:	1	1	1	1	1	1	1								
9:	2	2	2	2	2	1	2	1	1	1					
8:	1	1	1	1	1		1		1	1					
7:										1		1		1	
	0	1	2	3	4:	5	6	7	8	9	10	11	12:	13:	14

Character = 80_s

29:	1														
28:															
27:	1														
26:	2														
25:	3														
24:	2														
23:	6														
22:	4														
21:	5														
20:	6	1													
19:	8	3													
18:	4	2													
17:	8	5	1												
16:	6	5	1												
15:	5	5	3												
14:	4	4	1												
13:	6	6	5	2	1										
12:	2	2	2	1	1										
11:	3	3	3	3	3	2	2	1							
10:	2	2	2	2	2	1	2		1						
9:	1	1	1	1	1		1		1	1					
8:															
7:	1	1	1	1	1		1	1	1	1	1	1	1		
	0	1	2	3	4:	5	6	7	8	9	10	11	12:	13:	14

Character = 60_s

28:	1											
27:	1											
26:	2											
25:	1											
24:	3											
23:	3											
22:	4											
21:	3											
20:	6	1										
19:	4	1										
18:	4	2										
17:	4	3										
16:	6	5	2									
15:	3	3	1									
14:	4	4	3	1								
13:	3	3	2	1								
12:	3	3	3	2	1							
11:	1	1	1	1	1	1	1					
10:	2	2	2	2	2	1	2	1	1			
9:	1	1	1	1	1		1		1			
8:	1	1	1	1	1		1	1	1	1	1	1
	0	1	2	3	4:	5	6	7	8	9	10	11

Character = 10_s

27:	1										
26:											
25:											
24:											
23:	1										
22:											
21:	1										
20:	1										
19:	1										
18:											
17:	1	1									
16:	1	1									
15:	1	1	1								
14:											
13:	1	1	1	1							
12:											
11:											
10:											
9:	1	1	1	1	1		1	1	1		1
	0	1	2	3	4:	5	6	7	8	9	10

Character = $81_p'$

30:	1									
29:	1									
28:	2									
27:	2									
26:	4									
25:	4									
24:	5									
23:	5									
22:	7	1								
21:	6	1								
20:	7	3								
19:	6	3								
18:	7	5	1							
17:	5	4	1							
16:	5	5	2							
15:	4	4	2							
14:	4	4	3	1	1					
13:	2	2	2	1	1	1				
12:	2	2	2	2	2	1	1			
11:	1	1	1	1	1	1	1			
10:	1	1	1	1	1		1		1	1
	0	1	2	3	4:	5	6	7	8	9

Character = $60_p'$

31:	1								
30:	1								
29:	1								
28:	2								
27:	3								
26:	2								
25:	4								
24:	5								
23:	4								
22:	4								
21:	6	2							
20:	4	2							
19:	4	3							
18:	5	4	1						
17:	4	4	2						
16:	2	2	1						
15:	3	3	2	1					
14:	2	2	2	1					
13:	1	1	1	1	1				
12:	1	1	1	1	1	1	1		
11:	1	1	1	1	1		1		1
	0	1	2	3	4:	5	6	7	8

Character = $24_p'$

```
30:  1
29:
28:  1
27:  1
26:  1
25:  1
24:  3
23:  1
22:  2
21:  2  1
20:  2  1
19:  1  1
18:  3  2  1
17:  1  1
16:  1  1  1
15:  1  1
14:  1  1  1
13:
12:  1  1  1  1  1  1  1  1

     0  1  2  3  4: 5  6  7
```

Character = $64_p'$

```
32:  1
31:  1
30:  1
29:  3
28:  3
27:  3
26:  5
25:  5
24:  4
23:  6  1
22:  6  2
21:  4  2
20:  5  3
19:  5  4  1
18:  3  3  1
17:  3  3  1
16:  3  3  2
15:  1  1  1
14:  1  1  1  1  1  1
13:  1  1  1  1  1  1  1

     0  1  2  3  4: 5  6
```

Character = $15_p'$

```
31:  1
30:  1
29:
28:  1
27:  2
26:
25:  1
24:  3  1
23:  1
22:
21:  2  1
20:  1  1
19:
18:  1  1
17:  1  1  1
16:
15:                 1

     0  1  2  3  4: 5
```

Character = $30_p'$

```
33:  1
32:
31:  1
30:  1
29:  2
28:  1
27:  3
26:  2
25:  3
24:  2
23:  3  1
22:  2  1
21:  3  2
20:  1  1
19:  2  2  1
18:  1  1
17:  1  1  1
16:
15:  1  1  1  1  1

     0  1  2  3  4: 5
```

Character = $15_q'$

32:	1			
31:				
30:	1			
29:	1			
28:	1			
27:				
26:	2			
25:	1			
24:	1			
23:	1			
22:	2	1		
21:				
20:	1	1		
19:	1	1		
18:	1	1	1	
17:				
16:	1	1	1	1
	0	1	2	3

Character = $20_p'$

34:	1		
33:	1		
32:	1		
31:	1		
30:	2		
29:	1		
28:	2		
27:	2		
26:	2		
25:	1		
24:	2	1	
23:	1	1	
22:	1	1	
21:	1	1	
20:	1	1	1
	0	1	2

Character = $6_p'$

35:	1	
34:		
33:		
32:	1	
31:	1	
30:		
29:	1	
28:	1	
27:		
26:		
25:	1	1
	0	1

Character = $1_p'$

36:	1
	0

E 7

```
Character = 1
              a

0:  1  1  1  1  1  1     1  1     1  1  1  1  1  1  1  1        1  1  1     1     1  1     1  1  1     1  1     1  1  1  1     1  1        1  1  1  1  1     1     1  1     1  1  1  1

    0  1  2  3  4  5: 6  7  8: 9  10 11 12 13 14 15 16 17:18:19 20 21 22:23 24:25 26 27:28 29 30 31:32 33 34:35 36 37 38 39:40 41 42:43:44 45 46 47 48 49:50 51:52 53 54:55 56 57 58 59
```

```
Character = 7'
              a

17: 1
15:
13: 1  1
11: 1  1  1  1
 9: 1  1  1     1  1
                      1        1
 7: 1  1  1  1  1  1     1  1     1     1  1  1
 5: 1  1  1  1  1  1     1  1     1  1  1  2  1  1  2  1  1     1  1  1  1  1        1        1
                                                                                        1           1        1
 3:                                                                1                       1              1     1  1     1  1  1     1     1        1
                                                                                                                                                                1        1
 1: 1  1  1  1  1  1     1  1     1  1  1  1  1  1  1  1        1  1  1     1     1  1     1  1  1     1  1     1  1  1  1     1  1        1  1  1  1  1     1     1  1     1  1  1

    0  1  2  3  4  5: 6  7  8: 9  10 11 12 13 14 15 16 17:18:19 20 21 22:23 24:25 26 27:28 29 30 31:32 33 34:35 36 37 38 39:40 41 42:43:44 45 46 47 48 49:50 51:52 53 54:55 56 57 58
```

```
Character = 27
               a

26: 1
24: 1
22: 2
20: 2  1
18: 3  2
16: 3  3  2  1
14: 3  3  2  1  1  1
                      1
12: 3  3  3  2  2  2     1  1
                      1        1
10: 3  3  3  2  3  3     2  2     2  1  1  2  1
                      1        1
 8: 2  2  2  2  2  2     2  2     2  1  2  3  2  1  2  1  1     1  1  1
                                                                                        1
 6: 2  2  2  2  2  2     2  2     2  2  2  3  2  2  3  2  1     2  2  2  1  2     1  2     1  1  1        1
                                                                                        1           1        1
 4: 1  1  1  1  1  1     1  1     1  1  1  1  1  1  1  1        1  2  1     1     1  1     2  1  1     1  2     2  2  1  2  1  2  1  1     2     1  1
                                                                                                                                                                1
 2: 1  1  1  1  1  1     1  1     1  1  1  1  1  1  1  1        1  1  1     1     1  1     1  1  1     1  1     1  1  1  1     1  1        1  1  1  1  1     1     1  1     1  1

    0  1  2  3  4  5: 6  7  8: 9  10 11 12 13 14 15 16 17:18:19 20 21 22:23 24:25 26 27:28 29 30 31:32 33 34:35 36 37 38 39:40 41 42:43:44 45 46 47 48 49:50 51:52 53 54:55 56 57
```

Character = 21_b

	0	1	2	3	4	5:	6	7	8:	9	10	11	12	13	14	15	16	17:	18:	19	20	21	22:	23	24:	25	26	27:	28	29	30	31:	32	33	34:	35	36	37	38	39:	40	41	42:	43:	44	45	46	47	48	49:	50	51:	52	53	54:	55	56
27:	1																																																								
25:	1																																																								
23:	1																																																								
21:	2	1																																																							
19:	2	1																																																							
17:	2	2	1																																																						
15:	3	3	2	1	1	1																																																			
13:	2	2	2	1	1	1																																																			
							1			1																																															
11:	2	2	2	1	2	2		1	1		1			1																																											
							1			1																																															
9:	2	2	2	2	2	2		2	2		2	1	2	2	1	1	1	1				1																																			
7:	1	1	1	1	1	1		1	1		1	1	1	2	1	1	2	1	1		1	1	1	1	1			1																													
																													1				1			1																					
5:	1	1	1	1	1	1		1	1		1	1	1	1	1	1	1	1			1	1	1		1		1	1		1		1		1	1		1	1		1						1											
3:	1	1	1	1	1	1		1	1		1	1	1	1	1	1	1	1			1	1	1		1		1	1		1	1	1		1	1		1	1	1	1		1	1			1	1	1	1			1					1

Character = 21_a

	0	1	2	3	4	5:	6	7	8:	9	10	11	12	13	14	15	16	17:	18:	19	20	21	22:	23	24:	25	26	27:	28	29	30	31:	32	33	34:	35	36	37	38	39:	40	41	42:	43:	44	45	46	47	48	49:	50	51:	52	53	54:	55
30:	1																																																							
28:	1																																																							
26:	1																																																							
24:	2	1																																																						
22:	2	1																																																						
20:	2	2	1																																																					
18:	3	2	1	1																																																				
							1																																																		
16:	2	2	2	1	1	1																																																		
							1			1																																														
14:	2	2	1		1	1																																																		
							1			1																																														
12:	2	2	2	2	1	1		1	1		1		1	2	1																																									
10:	1	1	1		1	1								1			1		1	1				1																																
							1			1																			1																											
8:	1	1	1	1	1	1		1	1		1		1	1	1							1																																		
																																				1																				
6:	1	1	1	1	1	1		1	1		1	1	1	2	1	1	2	1	1		1	1	1	1	1			1			1										1				1											
																													1				1			1																				
4:																						1								1					1	1	1			1	1	1		1		1			1							
																																																				1			1

Character = 56 ′ a

```
33:  1
31:  1
29:  2
27:  3
25:  4  1
23:  5  2
21:  6  4  1  1
19:  6  5  2  1
17:  6  6  4  2  1  1
                       1
15:  6  6  5  3  3  3     1  1
                       2        1
13:  5  5  5  3  4  4     2  2     1     1  1  1
                       2        2
11:  4  4  4  3  4  4     3  3     3  1  2  3  2
                       1        1
 9:  3  3  3  3  3  3     3  3     3  2  3  5  3  2  4  2  2     2  1  2  1  1        1        1
                                                                                    1
 7:  2  2  2  2  2  2     2  2     2  2  2  3  2  2  3  2  1     2  2  2  1  2     1  2     1  1  1        1
                                                                                    1           1        1
 5:  1  1  1  1  1  1     1  1     1  1  1  1  1  1  1  1        1  2  1     1     1  1     2  1  1     1  2     2  2  1  2  1  2  1  1     1        1
 3:  1  1  1  1  1  1     1  1     1  1  1  1  1  1  1  1        1  1  1     1     1  1     1  1  1     1  1     1  1  1  1     1  1        1  1  1  1  1     1     1  1

     0  1  2  3  4  5; 6  7  8; 9 10 11 12 13 14 15 16 17;18;19 20 21 22;23 24;25 26 27;28 29 30 31;32 33 34;35 36 37 38 39;40 41 42;43;44 45 46 47 48 49;50 51;52 53 54;55
```

Character = 35 b

```
32:  1
30:  1
28:  2
26:  2
24:  3  1
22:  3  2
20:  4  3  1  1
18:  3  3  2  1
16:  4  4  3  2  2  1     1
                       1
14:  3  3  3  2  2  2     1  1
                       1        1
12:  3  3  3  2  3  3     2  2     2  1  1  1  1
                       1        1
10:  2  2  2  2  2  2     2  2     2  1  2  2  2  1  1           1
 8:  2  2  2  2  2  2     2  2     2  2  2  3  2  2  3  2  1     2  1  2  1  2     1  1     1  1
                                                                                    1           1
 6:  1  1  1  1  1  1     1  1     1  1  1  1  1  1  1  1        1  1  1     1     1  1     1  1  1     1  1     1  1  1        1
 4:  1  1  1  1  1  1     1  1     1  1  1  1  1  1  1  1        1  1  1     1     1  1     1  1  1     1  1     1  1  1  1     1  1        1  1  1  1  1           1

     0  1  2  3  4  5; 6  7  8; 9 10 11 12 13 14 15 16 17;18;19 20 21 22;23 24;25 26 27;28 29 30 31;32 33 34;35 36 37 38 39;40 41 42;43;44 45 46 47 48 49;50 51;52 53
```

```
Character = 105 ′
            a

29:     7  1
27:     8  2
25:    10  5
23:    11  7  2  1
21)-11  9  4  1
                          1
19:    11 10  6  3  2  2
                          2
17:    10 10  8  4  4  4  3  1  1  2
15:     8  8  7  4  5  5  3  2  2  2  1        1
13:     7  7  7  5  6  6  2  4  4  2  3  1  2  4  2
11:     5  5  5  4  5  5  1  4  4  1  4  2  3  6  3  1  3  1  2  1  1  1  1  1
                                                                                          1
 9:     3  3  3  3  3  3     3  3     3  2  3  5  3  2  4  2  2     2  2  2  1  1        1
                                                                                          2           1        1
 7:     2  2  2  2  2  2     2  2     2  2  2  3  2  2  3  2  1     2  3  2  1  2     1  2     2  1  1        2     1           1
                                                                                          1           1        1
 5:     1  1  1  1  1  1     1  1     1  1  1  1  1  1  1  1        1  2  1     1     1  1     2  1  1     1  2     2  2  1  2  1  2  1  1     2     1  1
                                                                                                                                                                          1

        0  1  2  3  4  5: 6  7  8: 9 10 11 12 13 14 15 16 17:18:19 20 21 22:23 24:25 26 27:28 29 30 31:32 33 34:35 36 37 38 39:40 41 42:43:44 45 46 47 48 49:50 51:52


Character = 120
            a

28:     9  2
26:    11  4
24:    11  6  1
22:    13 10  3  1
20:    13 11  6  3  1  1
                          1
18:    11 11  8  3  3  3  3        1
16:    11 11  9  5  6  6  3  2  2  2
14:     9  9  9  6  7  7  3  4  4  3  3  1  2  3  1
12:     6  6  6  4  6  6  2  4  4  2  4  1  2  5  2     1     1
10:     5  5  5  5  5  5     5  5     5  3  5  7  4  3  5  3  2     2  2  2  1  1        1
                                                                                          1
 8:     3  3  3  3  3  3     3  3     3  3  3  5  3  3  5  3  2     3  3  3  2  3     1  3  2  1  1  1  2     1  2
 6:     1  1  1  1  1  1     1  1     1  1  1  1  1  1  1  1        1  2  1     1     1  1     2     1     1  2     2  2     2  1  1     1     1
 4:     1  1  1  1  1  1     1  1     1  1  1  1  1  1  1  1        1  1  1     1     1  1     1  1  1     1  1     1  1  1  1     1  1        1  1  1  1  1     1

        0  1  2  3  4  5: 6  7  8: 9 10 11 12 13 14 15 16 17:18:19 20 21 22:23 24:25 26 27:28 29 30 31:32 33 34:35 36 37 38 39:40 41 42:43:44 45 46 47 48 49:50 51:52
```

Character = 15 ′ a

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
25:	1	1																																																	
23:	2	1																																																	
21)-	1	1	1																																																
19:	2	2	1		1																																														
17:	1	1	1	1																																															
15:	1	1	1		1	1																																													
							1			1																																										
13:	1	1	1	1	1	1		1	1		1		1																																						
11:	1	1	1	1	1	1		1	1		1	1	1	1		1	1																																		
																										1																									
9:																																																			
7:	1	1	1	1	1	1		1	1		1	1	1	1	1	1	1	1			1		1		1		1	1				1		1				1													
																																															1				1
5:																																																			

Character = 189 ′ b

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50
31:	12	1																																																	
29:	15	3																																																	
27:	17	7																																																	
25:	19	11	2	1																																															
23)-	19	15	5	2																																															
21:	19	17	9	4	2	1																																													
							1																																												
19:	17	17	13	6	5	4		1																																											
							3			1																																									
17:	15	15	13	7	9	8		3	2																																										
							5			3																																									
15:	12	12	12	8	10	10		6	6		4	1	2	2	1																																				
							4			4																																									
13:	9	9	9	7	9	9		7	7		7	3	4	6	3	1	1																																		
							2			2																																									
11:	6	6	6	6	6	6		6	6		6	4	6	8	5	4	6	3	2		3	1	2	1	1																										
																													1																						
9:	4	4	4	4	4	4		4	4		4	4	4	6	4	4	6	4	2		4	2	4	2	4		2	3		1	1	1																			
																													2				2			1															
7:	2	2	2	2	2	2		2	2		2	2	2	2	2	2	2	2			2	2	2		2		2	2		2	1	2		2	2		2	2	1	1		1									
5:	1	1	1	1	1	1		1	1		1	1	1	1	1	1	1	1			1	1	1		1		1	1		1	1	1		1	1		1	1	1	1		1	1			1	1	1	1	1	

Character = 210_a

32:	13	1																																															
30:	17	4																																															
28:	19	7																																															
26:	21	12	2	1																																													
24)-	22	16	5	2																																													
22:	21	18	9	4	1	1																																											
20:	19	18	12	5	4	4	2																																										
18:	17	17	14	7	8	8	4	2	2	1																																							
16:	13	13	12	7	9	9	5	4	4	3	2		1	2	1																																		
14:	10	10	10	7	9	9	5	6	6	4	5	1	3	6	3																																		
12:	7	7	7	6	7	7	3	6	6	3	6	3	5	8	4	2	4	2	2	1	1	1	1	1																									
10:	4	4	4	4	4	4	1	4	4	1	4	3	4	7	4	3	6	3	3		3	2	3	2	2			2	1		1																		
8:	2	2	2	2	2	2		2	2		2	2	2	3	2	2	3	2	1		2	2	2	1	2		1	2	2	1	1	1	1		1	1													
6:	1	1	1	1	1	1		1	1		1	1	1	1	1	1	1	1			1	2	1		1		1	1	1	2	1	1	1	1	2	1	2	2	1	2	1	2	1	1		1			1
	0	1	2	3	4	5:	6	7	8.	9	10	11	12	13	14	15	16	17:	18:	19	20	21	22:	23	24:	25	26	27:	28	29	30	31:	32	33	34:	35	36	37	38	39:	40	41	42:	43:	44	45	46	47	48

Character = 168_a

32:	10	1																																													
30:	14	3																																													
28:	15	5																																													
26:	16	9	1																																												
24)-	18	13	4	2																																											
22:	16	14	7	3	1	1																																									
20:	15	15	10	4	4	3	1	1																																							
18:	14	14	12	7	7	6	2	3	2																																						
16:	10	10	10	6	8	8	3	4	4	1	2	1		1																																	
14:	8	8	8	6	8	8	4	6	6	3	5	2	2	4	2																																
12:	6	6	6	6	6	6	2	6	6	2	6	4	5	7	4	3	4	2	1		2	1	1																								
10:	3	3	3	3	3	3		3	3		3	3	3	5	3	3	5	3	2		3	2	3	1	2		1	1		1																	
8:	2	2	2	2	2	2		2	2		2	2	2	2	2	2	2	2			2	2	2		2		2	2	2	2		2	1	1	2		1										
6:	1	1	1	1	1	1		1	1		1	1	1	1	1	1	1	1			1	1	1		1		1	1		1	1	1		1	1		1	1	1	1		1	1			1		1
	0	1	2	3	4	5:	6	7	8:	9	10	11	12	13	14	15	16	17:	18:	19	20	21	22:	23	24:	25	26	27:	28	29	30	31:	32	33	34:	35	36	37	38	39:	40	41	42:	43:	44	45	46	47

Character = 105
b

30:	9	2																																													
28:	9	3																																													
26:	10	6	1																																										
24)-	11	8	2	1																																									
22:	10	9	5	2	1																																								
20:	9	9	6	2	2	1																																							
							1																																								
18:	9	9	8	5	5	4		2	1																																						
							2			1																																					
16:	6	6	6	3	5	5		2	2		1		1																																		
							3			3																																					
14:	5	5	5	4	5	5		4	4		4	1	2	2	1																																
							1			1																																					
12:	4	4	4	4	4	4		4	4		4	3	4	4	2	3	3	1			1																										
																										1																					
10:	2	2	2	2	2	2		2	2		2	2	2	3	2	2	3	2	1		2		2	1	2		1	1																			
																													1				1														
8:	1	1	1	1	1	1		1	1		1	1	1	1	1	1	1	1			1		1		1		1	1				1		1				1									
6:	1	1	1	1	1	1		1	1		1	1	1	1	1	1	1	1			1	1	1		1		1	1		1	1	1		1	1		1	1	1	1		1	1				1
	0	1	2	3	4	5:	6	7	8:	9	10	11	12	13	14	15	16	17:	18:	19	20	21	22:	23	24:	25	26	27:	28	29	30	31:	32	33	34:	35	36	37	38	39:	40	41	42:	43:	44	45	46

Character = 189 ʼ
c

33:	12	1																																											
31:	15	3																																											
29:	17	6																																											
27:	19	10	1																																										
25)-	19	13	4	1																																									
23:	19	16	7	2	1	1																																							
							1																																							
21:	17	16	10	4	3	3																																							
							2																																							
19:	15	15	12	5	6	6		1	1																																			
							4			2																																				
17:	12	12	11	6	8	8		3	3		1			1																															
							4			3																																				
15:	9	9	9	6	8	8		5	5		4	1	2	4	1																															
							3			3																																				
13:	6	6	6	5	6	6		5	5		5	2	3	6	2	1	2	1	1			1																								
							1			1																																				
11:	4	4	4	4	4	4		4	4		4	3	4	6	3	3	5	3	2		2	2	2	1	1			1																		
																													1																	
9:	2	2	2	2	2	2		2	2		2	2	2	3	2	2	3	2	1		2	2	2	1	2		1	2		1		1			1											
																													1				1			1										
7:	1	1	1	1	1	1		1	1		1	1	1	1	1	1	1	1			1	1	1		1		1	1		1		1		1	1		1	1		1						1
	0	1	2	3	4	5:	6	7	8:	9	10	11	12	13	14	15	16	17:	18:	19	20	21	22:	23	24:	25	26	27:	28	29	30	31:	32	33	34:	35	36	37	38	39:	40	41	42:	43:	44	45

Character = $35'_a$

	0	1	2	3	4	5:	6	7	8:	9	10	11	12	13	14	15	16	17:	18:	19	20	21	22:	23	24:	25	26	27:	28	29	30	31:	32	33	34:	35	36	37	38	39:	40	41	42:	43:	44
33:	3	1																																											
31:	3	1																																											
29:	4	2																																											
27)-	3	2	1																																										
25:	4	3	1																																										
							1																																						
23:	3	2	1	1																																									
							1																																						
21:	3	3	2		1	1	1			1																																			
19:	2	2	1	1																																									
							1																																						
17:	2	2	2	1	1	1								1																															
15:	1	1	1		1	1	1			1										1																									
13:	1	1	1	1	1	1	1	1	1	1	1		1	2	1																														
11:														1			1		1	1				1																					
																													1																
9:																						1																							
																																			1										
7:																																									1				1

Character = $280'_a$

	0	1	2	3	4	5:	6	7	8:	9	10	11	12	13	14	15	16	17:	18:	19	20	21	22:	23	24:	25	26	27:	28	29	30	31:	32	33	34:	33	36	37	38	39:	40	41	42:	43:	44
35:	17	1																																											
33:	23	4																																											
31:	25	7																																											
29:	27	13	1																																										
27)-	30	19	4	2																																									
25:	27	21	8	3																																									
							1																																						
23:	25	23	12	4	2	2	3																																						
21:	23	22	16	8	6	6	5	1	1	1																																			
19:	17	17	15	7	9	9	1	2	2	4																																			
17:	13	13	12	7	10	10	7	5	5		2		1	2	1																														
15:	10	10	10	8	9	9	5	7	7	4	6	2	4	7	3																														
13:	5	5	5	4	5	5	2	4	4	2	4	2	3	7	3	1	4	1	3	1	1		1	1																					
11:	3	3	3	3	3	3	1	3	3	1	3	2	3	5	3	2	4	2	2		2	1	2	1	1			1	1																
																													1																
9:	2	2	2	2	2	2		2	2		2	2	2	3	2	2	3	2	1		2	2	2	1	2		1	2	1	1	1	1	1		1	1									
7:																						1								1					1		1	1		1	1	1		1	

Character = 315_a

```
35:    21  1
33:    23  3
31:    29  9
29:    31 14  1  1
27)-   31 20  4  1
25:    31 25  9  4
23:    29 26 15  7  3  2
                          2
21:    23 23 17  7  7  6     1
                          5        1
19:    21 21 16 10 12 11     5  4
                          6        3
17:    15 15 15 10 12 12     7  7     4  1  2  2  1
                          5        4
15:    10 10 10  7 10 10     7  7     6  2  3  5  3
                          3        3
13:     7  7  7  7  7  7     7  7     7  4  6  8  5  3  4  2  1     2     1
11:     4  4  4  4  4  4     4  4     4  4  4  7  4  4  7  4  3     4  1  4  2  3     1  2        1
                                                                                          2           1
 9:     1  1  1  1  1  1     1  1     1  1  1  1  1  1  1  1        1  1  1     1     1  1     1     1        1
 7:     1  1  1  1  1  1     1  1     1  1  1  1  1  1  1  1        1  1  1     1     1  1     1  1  1     1  1     1  1  1  1     1  1

        0  1  2  3  4  5; 6  7  8; 9 10 11 12 13 14 15 16 17:18:19 20 21 22:23 24;25 26 27:28 29 30 31:32 33 34:35 36 37 38 39:40 41 42:43:44
```

Character = 280_b

```
34:    20  2
32:    24  5
30:    25  9
28(    28 16  2  1
26:    28 20  6  3
24:    25 22 10  4  1
                          1
22:    24 23 15  7  5  3     1
                          2
20:    20 20 17  9  9  7     3  1
                          5        2
18:    15 15 14  8 11 10     5  4     1
                          6        4
16:    12 12 12  9 11 11     8  8     6  2  3  3  2
                          3        3
14:     8  8  8  7  8  8     7  7     7  4  5  6  4  2  2           1
                          1        1
12:     4  4  4  4  4  4     4  4     4  3  4  6  4  3  5  2  2     3     2  1  1
                                                                                          1
10:     3  3  3  3  3  3     3  3     3  3  3  4  3  3  4  3  1     3  1  3  1  3     2  2     1  1  1
                                                                                          1           1
 8:     1  1  1  1  1  1     1  1     1  1  1  1  1  1  1  1        1  1  1     1     1  1     1  1  1     1  1     1  1  1        1

        0  1  2  3  4  5; 6  7  8; 9 10 11 12 13 14 15 16 17:18:19 20 21 22:23 24;25 26 27:28 29 30 31:32 33 34;35 36 37 38 39:40 41
```

Character = 189_e

```
36:  12  1
34:  15  2
32:  17  5
30:  19  8
28)- 19 12  3  1
26:  19 14  4  1
                        1
24:  17 15  8  3  1  1
                        2
22:  15 14  9  3  3  3
                        4        1
20:  12 12 10  5  5  5     1  1
                        4        2
18:   9  9  8  4  6  6     2  2     1        1
                        4        3
16:   6  6  6  4  5  5     3  3     2     1  3  1
                        2        2
14:   4  4  4  3  4  4     3  3     3  1  2  5  2     1     1  1           1
                        1        1
12:   2  2  2  2  2  2     2  2     2  1  2  4  2  1  3  1  2  1  1  1  1  1
                                                                                          1
10:   1  1  1  1  1  1     1  1     1  1  1  2  1  1  2  1  1     1  1  1  1  1        1  1
 8:                                                                  1                       1        1     1  1  1           1

      0  1  2  3  4  5: 6  7  8: 9 10 11 12 13 14 15 16 17:18:19 20 21 22:23 24:25 26 27:28 29 30 31:32 33 34:35 36 37 38 39:40
```

Character = 405_a

```
36:  26  1
34:  31  4
32:  37 10
30:  39 17  1
28)- 41 25  4  1
26:  39 30 10  3
24:  37 33 17  6  3  2
                        2
22:  31 30 21  8  7  6
                        5        1
20:  26 26 22 10 13 12     3  2
                        8        4
18:  19 19 18 10 14 14     6  6     2     1  1
                        7        6
16:  14 14 14 10 13 13     9  9     8  2  4  6  2
                        4        4
14:   8  8  8  7  8  8     7  7     7  3  5  8  3  2  3  1  1
                        1        1
12:   5  5  5  5  5  5     5  5     5  4  5  8  4  4  7  4  3     3  1  3  2  2        1
                                                                                          1
10:   2  2  2  2  2  2     2  2     2  2  2  3  2  2  3  2  1     2  1  2  1  2     1  2  1        1
 8:   1  1  1  1  1  1     1  1     1  1  1  1  1  1  1  1        1  1  1     1     1  1     1     1  1  1  1  1  1  1     1

      0  1  2  3  4  5: 6  7  8: 9 10 11 12 13 14 15 16 17:18:19 20 21 22:23 24:25 26 27:28 29 30 31:32 33 34:35 36 37 38 39:40
```

Character = 70 $'_{d}$

45:	1																																						
43:	1																																						
41:	1																																						
39:	3																																						
37:	3																																						
35:	4																																						
33:	6	1																																					
31:	6	1																																					
29:	6	3																																					
27:	8	5	1	1																																			
25:	6	5	2	1																																			
23:	6	6	3	1	1																																		
21:	6	6	5	3	2	1		1																															
19:	4	4	4	2	3	2		1																															
17:	3	3	3	2	3	3	2	2	2	1	1																												
15:	3	3	3	3	3	3	1	3	3	1	3	2	2	1	1	1																							
13:	1	1	1	1	1	1		1	1		1	1	1	1	1	1	1				1																		
11:	1	1	1	1	1	1		1	1		1	1	1	1	1	1	1	1			1		1		1		1												
9:	1	1	1	1	1	1		1	1		1	1	1	1	1	1	1	1			1		1		1		1	1			1	1		1					1
	0	1	2	3	4	5,	6	7	8:	9	10	11	12	13	14	15	16	17:	18:	19	20	21	22:	23	24:	25	26	27:	28	29	30	31:	32	33	34:	35	36	37	38

Character = 216 $'_{d}$

47:	1																																				
45:	2																																				
43:	4																																				
41:	6																																				
39:	9																																				
37:	12																																				
35:	15	1																																			
33:	18	3																																			
31:	20	7																																			
29:	21	11	1																																		
27:	21	15	4	1																																	
25:	20	17	7	2	1																																
23:	18	17	11	4	3	1																															
21:	15	15	12	5	6	4	1	1																													
19:	12	12	11	6	8	7	3	3	2	1																											
17:	9	9	9	6	8	8	4	5	5	3	4	1	2	1																							
15:	6	6	6	5	6	6	3	5	5	3	5	2	3	3	1	1	1																				
13:	4	4	4	4	4	4	1	4	4	1	4	3	4	4	2	3	3	1			1																
11:	2	2	2	2	2	2		2	2		2	2	2	3	2	2	3	2	1		2		2	1	2	1	1	1									
9:	1	1	1	1	1	1		1	1		1	1	1	1	1	1	1	1			1		1		1		1	1	1			1	1	1				1
	0	1	2	3	4	5:	6	7	8:	9	10	11	12	13	14	15	16	17:	18:	19	20	21	22:	23	24:	25	26	27:	28	29	30	31:	32	33	34:	35	36	37

Character = 378 ′ a

	0	1	2	3	4	5:	6	7	8:	9	10	11	12	13	14	15	16	17:	18:
49:	1																		
47:	2																		
45:	5																		
43:	8																		
41:	13																		
39:	18																		
37:	24	1																	
35:	29	3																	
33:	34	8																	
31:	36	14																	
29:	38	22	3	1															
27:	36	27	8	3															
25:	34	30	14	5	2	1													
23:	29	28	19	8	6	4	1	1											
21:	24	24	20	9	11	9	3	3	1										
19:	18	18	17	10	13	12	6	6	5	2	1								
17:	13	13	13	9	12	12	6	8	8	4	6	2	2	3	1				
15:	8	8	8	7	8	8	4	7	7	4	7	3	4	6	3	1	1		
13:	5	5	5	5	5	5	1	5	5	1	5	4	5	7	4	4	6	3	2
11:	2	2	2	2	2	2		2	2		2	2	2	3	2	2	3	2	1
9:	1	1	1	1	1	1		1	1		1	1	1	1	1	1	1	1	

	19	20	21	22:	23	24:	25	26	27:	28	29	30	31:	32	33	34:	35	36
13:		3	1	2	1	1												
11:		2	1	2	1	2		1	1		1							
9:		1	1	1		1		1	1	1	1		1	1	1	1		1

Character = 336 ′ a

	0	1	2	3	4	5:	6	7	8:	9	10	11	12	13	14	15	16	17:
49:	1																	
47:	3																	
45:	5																	
43:	9																	
41:	14																	
39:	18																	
37:	24	2																
35:	29	5																
33:	31	9																
31:	34	16	1															
29:	34	21	4	1														
27:	31	24	8	2														
25:	29	26	13	4	2	2	1											
23:	24	23	16	6	5	5	2											
21:	18	18	15	6	8	8	5	1	1	1								
19:	14	14	13	7	10	10	7	4	4	3	1			1				
17:	9	9	9	6	8	8	5	5	5	4	4	1	2	4	1			
15:	5	5	5	4	5	5	3	4	4	3	4	1	2	6	2		1	
13:	3	3	3	3	3	3	1	3	3	1	3	2	3	5	2	2	4	2
11:	1	1	1	1	1	1		1	1		1	1	1	2	1	1	2	1

	18:	19	20	21	22:	23	24:	25	26	27:	28	29	30	31:	32	33	34:	35
15:	1																	
13:	2	1	1	1	1	1					1							
11:	1		1	1	1	1	1			1	1				1			1

0 1 2 3 4 5: 6 7 8: 9 10 11 12 13 14 15 16 17:18:19 20 21 22:23 24:25 26 27:28 29 30 31:32 33 34:35

Character = 420$_a$

	0	1	2	3	4	5:	6	7	8:	9	10	11	12	13	14	15	16	17:	18:	19	20	21	22:	23	24:	25	26	27:	28	29	30	31:	32	33	34:	35
50:	1																																			
48:	2																																			
46:	5																																			
44:	9																																			
42:	14																																			
40:	20																																			
38:	27	1																																		
36:	32	3																																		
34:	38	9																																		
32:	41	15																																		
30:	42	23	3	1																																
28:	41	29	7	2																																
26:	38	32	14	5	1	1																														
24:	32	30	18	6	4	4	1																													
22:	27	27	21	9	10	9	4	2	1	1																										
20:	20	20	18	9	12	12	6	4	4	4																										
18:	14	14	14	9	12	12	7	7	7	4	4	1	1	3	1																					
16:	9	9	9	7	9	9	5	7	7	2	6	2	3	6	2																					
14:	5	5	5	5	5	5	2	5	5		5	3	4	7	3	2	4	2	2		1	1	1													
12:	2	2	2	2	2	2		2	2		2	2	2	4	2	2	4	2	2		2	1	2	1	1			1	1							
10:	1	1	1	1	1	1		1	1		1	1	1	1	1	1	1	1			1	1	1		1		1	1		1		1			1	

Character = 210$_b$

	0	1	2	3	4	5:	6	7	8:	9	10	11	12	13	14	15	16	17:	18:	19	20	21	22:	23	24:	25	26	27:	28	29	30	31:	32	33
50:	1																																	
48:	1																																	
46:	3																																	
44:	5																																	
42:	7																																	
40:	10																																	
38:	14																																	
36:	15	1																																
34:	19	4																																
32:	20	7																																
30:	20	11	1																															
28:	20	15	4	1																														
26:	19	16	7	3	1																													
24:	15	15	10	3	3	1																												
22:	14	14	11	5	6	3		2																										
20:	10	10	10	6	7	6	2	3	2	2																								
18:	7	7	7	4	7	7	3	4	4	3	3	1	1																					
16:	5	5	5	5	5	5	3	5	5		5	2	3	2	1	1																		
14:	3	3	3	3	3	3		3	3		3	3	3	3	1	3	3	1			1													
12:	1	1	1	1	1	1		1	1		1	1	1	1	1	1	1	1			1		1		1	1	1							
10:	1	1	1	1	1	1		1	1		1	1	1	1	1	1	1	1			1		1		1		1	1				1		1

```
Character = 512
                a

52:  1
50:  2
48:  6
46: 10
44: 15
42: 24
40: 30
38: 37  2
36: 45  7
34: 48 13
32: 50 23  1
30: 51 32  5  2
28: 46 36 12  4
26: 41 38 19  6  3  1
24: 35 34 24 10  8  5  1  1
22: 26 26 23 10 13 11  4  3  1
20: 19 19 18 10 15 14  8  7  6  3  1
18: 13 13 13 10 12 12  7  9  9  5  7  2  3  3  1
16:  7  7  7  6  7  7  3  6  6  3  6  3  3  5  2  1  1
14:  4  4  4  4  4  4  1  4  4  1  4  3  4  5  3  3  4  2  1     2     1
12:  2  2  2  2  2  2     2  2     2  2  2  3  2  2  3  2  1     2     2  1  2     1  1  1           1

     0  1  2  3  4 5:  6  7 8:  9 10 11 12 13 14 15 16 17:18:19 20 21 22:23 24:25 26 27:28 29 30 31:32
```

```
Character = 512 ´
                a

51:  2
49:  4
47:  7
45: 13
43: 19
41: 26
39: 35  1
37: 41  3
35: 46 10
33: 51 19
31: 50 27  3  1
29: 48 35  8  2
27: 45 38 16  6  1
25: 37 35 22  8  5  3
23: 30 30 23  9 11  8  3  2
21: 24 24 22 12 15 13  6  6  4  1
19: 15 15 15  9 13 13  7  7  7  4  4  1  1  1
17: 10 10 10  8 10 10  6  8  8  5  7  2  3  4  2
15:  6  6  6  6  6  6  2  6  6  2  6  4  5  6  3  3  3  1        1
13:  2  2  2  2  2  2     2  2     2  2  2  4  2  2  4  2  2     2     2  1  1
11:  1  1  1  1  1  1     1  1     1  1  1  1  1  1  1  1        1     1     1     1  1  1        1

     0  1  2  3  4 5:  6  7 8:  9 10 11 12 13 14 15 16 17:18:19 20 21 22:23 24:25 26 27:28 29 30 31:32
```

```
Character = 105
                c

48:  1
46:  1
44:  2
42:  4
40:  5
38:  6
36:  9  1
34:  9  2
32: 10  4
30: 11  6  1  1
28: 10  7  2  1
26:  9  8  3  1
24:  9  8  5  3  1  1
                       1
22:  6  6  5  2  2  2
                       2        1
20:  5  5  4  2  3  3     1  1
                       2        1
18:  4  4  4  3  3  3     2  2     1     1  1  1
                       1        1
16:  2  2  2  1  2  2     1  1     1     1  1  1
                       1        1
14:  1  1  1  1  1  1     1  1     1     1  1  1
12:  1  1  1  1  1  1     1  1     1  1  1  2  1  1  2  1  1     1     1  1  1        1        1

     0  1  2  3  4 :5: 6  7  8: 9 10 11 12 13 14 15 16 17:18:19 20 21 22:23 24:25 26 27:28 29 30
```

```
Character = 84
               a

48:  1
46:  1
44:  2
42:  3
40:  4
38:  5
36:  7  1
34:  7  1
32:  8  3
30:  8  4
28:  8  6  2  1
26:  7  6  2  1
24:  7  7  5  3  2  1     1
22:  5  5  4  2  2  1     1
                       1
20:  4  4  4  3  3  2     2  1
                       1
18:  3  3  3  2  3  3     2  2     1  1
                       1        1
16:  2  2  2  2  2  2     2  2     2  1  1  1  1
14:  1  1  1  1  1  1     1  1     1  1  1  1  1  1  1           1
12:  1  1  1  1  1  1     1  1     1  1  1  1  1  1  1  1        1  1  1     1     1        1

     0  1  2  3  4  5: 6  7  8: 9 10 11 12 13 14 15 16 17:18:19 20 21 22:23 24:25 26 27:28 29
```

```
Character = 336
                    a

52:  1
50:  3
48:  5
46:  9
44: 14
42: 18
40: 24  1
38: 29  3
36: 31  7
34: 34 13
32: 34 18  2  1
30: 31 22  5  1
28: 29 24  9  3
                         1
26: 24 22 13  5  2  2
                         3
24: 18 18 13  4  5  5
                         5        1
22: 14 14 12  6  7  7       2  2
                         5        2
20:  9  9  9  5  7  7       3  3     1        1
                         4        3
18:  5  5  5  3  5  5       3  3     2     1  2  1
                         2        2
16:  3  3  3  3  3  3       3  3     3  1  2  4  2
14:  1  1  1  1  1  1       1  1     1  1  1  3  1  1  3  1  2  1  1     1  1
                                                                                1

     0  1  2  3  4  5: 6  7  8: 9 10 11 12 13 14 15 16 17:18:19 20 21 22:23 24:25 26 27:28
```

```
Character = 420
                    a

53:  1
51:  2
49:  5
47:  9
45: 14
43: 20
41: 27
39: 32  2
37: 38  6
35: 41 12
33: 42 19  1
31: 41 26  4  1
29: 38 29  9  3
27: 32 29 14  4  1  1
                         1
25: 27 26 17  6  5  4
                         4
23: 20 20 17  7  8  8       1  1
                         6        2
21: 14 14 13  6 10 10       3  3
                         6        4
19:  9  9  9  6  8  8       5  5     3     2  2  1
                         3        3
17:  5  5  5  4  5  5       4  4     4  1  2  4  1
                         1        1
15:  2  2  2  2  2  2       2  2     2  1  2  3  1  1  2  1  1
13:  1  1  1  1  1  1       1  1     1  1  1  2  1  1  2  1  1     1     1  1  1        1

     0  1  2  3  4  5: 6  7  8: 9 10 11 12 13 14 15 16 17:18:19 20 21 22:23 24:25 26 27:28
```

Character = $210'_{b}$

53:	1																										
51:	1																										
49:	3																										
47:	5																										
45:	7																										
43:	10																										
41:	14																										
39:	15																										
37:	19	3																									
35:	20	5																									
33:	20	9																									
31:	20	13	2	1																							
29:	19	15	5	2																							
27:	15	14	7	3	1																						
25:	14	14	10	4	4	1		1																			
23:	10	10	9	5	5	3	2	2																			
21:	7	7	7	4	6	5	3	3	2	2																	
19:	5	5	5	4	5	5	1	4	4	1	3	1	1														
17:	3	3	3	3	3	3		3	3		3	2	2	1	1	1											
15:	1	1	1	1	1	1		1	1		1	1	1	1	1	1	1				1						
13:	1	1	1	1	1	1		1	1		1	1	1	1	1	1	1	1			1		1		1		1
	0	1	2	3	4	5:	6	7	8:	9	10	11	12	13	14	15	16	17:	18:	19	20	21	22:	23	24:	25	26

Character = $84'_{8}$

51:	1																								
49:	1																								
47:	2																								
45:	3																								
43:	4																								
41:	5																								
39:	7																								
37:	7	1																							
35:	8	2																							
33:	8	4																							
31:	8	5	1																						
29:	7	6	2																						
27:	7	6	3	1	1																				
25:	5	5	4	1	1																				
23:	4	4	3	1	2	1	1																		
21:	3	3	3	2	2	2	1	1	1	1															
19:	2	2	2	1	2	2	1	1	1	1	1		1												
17:	1	1	1	1	1	1		1	1		1		1												
15:	1	1	1	1	1	1		1	1		1	1	1	1		1	1								
																									1
	0	1	2	3	4	5:	6	7	8:	9	10	11	12	13	14	15	16	17:	18:	19	20	21	22:	23	24:	25

```
Character = 378
                ä

54:   1
52:   2
50:   5
48:   8
46:  13
44:  18
42:  24
40:  29   1
38:  34   4
36:  36   9
34:  36  16
32:  36  22   3   1
30:  34  26   7   2
28:  29  26  12   4   1
26:  24  23  15   5   4   2
                              2
24:  18  18  15   6   7   5       1
                              4           1
22:  13  13  12   6   9   8       3   2
                              5           3
20:   8   8   8   5   7   7       4   4       2       1
                              3           3
18:   5   5   5   4   5   5       4   4       4   1   2   2   1
                              1           1
16:   2   2   2   2   2   2       2   2       2   1   2   2   1   1   1
14:   1   1   1   1   1   1       1   1       1   1   1   2   1   1   2   1   1       1       1   1   1

      0   1   2   3   4  5:   6   7  8:   9  10  11  12  13  14  15  16 17:18:19  20  21 22:23 24:25
```

```
Character = 189 ´
                 a

53:   1
51:   2
49:   4
47:   6
45:   9
43:  12
41:  15   1
39:  17   2
37:  19   5
35:  19   7
33:  19  11   1
31:  17  12   3   1
29:  15  13   5   1
                              1
27:  12  11   6   2   1   1
                              2
25:   9   9   7   2   2   2
                              3           1
23:   6   6   5   2   3   3
                              3           1
21:   4   4   4   2   3   3       1   1
                              2           2
19:   2   2   2   1   2   2       1   1       1           1
                              1           1
17:   1   1   1   1   1   1       1   1       1       1   2   1
15:                                                       1           1       1   1               1

      0   1   2   3   4  5:   6   7  8:   9  10  11  12  13  14  15  16 17:18:19  20  21 22:23
```

Character - 405 ´
a

	0	1	2	3	4	5:	6	7	8:	9	10	11	12	13	14	15	16	17:	18:	19	20	21	22:	23
55:	1																							
53:	2																							
51:	5																							
49:	8																							
47:	14																							
45:	19																							
43:	26																							
41:	31	1																						
39:	37	4																						
37:	39	9																						
35:	41	16																						
33:	39	22	2	1																				
31:	37	27	6	2																				
29:	31	27	11	4																				
27:	26	25	15	5	3	2																		
25:	17	19	15	6	6	5	2	1																
23:	14	14	13	6	9	8	4	3	2															
21:	8	8	8	5	7	7	5	4	4	2	1													
19:	5	5	5	4	5	5	3	4	4	2	3	1	1	2	1									
17:	2	2	2	2	2	2	1	2	2	1	2	1	1	2	1									
15:	1	1	1	1	1	1		1	1		1	1	1	2	1	1	2	1	1		1		1	

Character = 105 ´
c

	0	1	2	3	4	5:	6	7	8:	9	10	11	12	13	14	15	16	17:	18:	19	20	21
51:	1																					
49:	1																					
47:	2																					
45:	4																					
43:	5																					
41:	6																					
39:	9	1																				
37:	9	1																				
35:	10	3																				
33:	11	5																				
31:	10	6	1																			
29:	9	7	2																			
27:	9	8	4	1	1	1																
25:	6	6	4	1	1	1																
23:	5	5	4	1	2	2	1															
21:	4	4	4	2	3	3	1	1	1													
19:	2	2	2	1	2	2	1	1	1	1	1			1								
17:	1	1	1	1	1	1	1	1	1	1	1			1								
15:	1	1	1	1	1	1		1	1		1	1	1	1		1	1	1				1

Character - 216_a

54:	1																				
52:	2																				
50:	4																				
48:	6																				
46:	9																				
44:	12																				
42:	15																				
40:	18	1																			
38:	20	3																			
36:	21	6																			
34:	21	10																			
32:	20	13	2	1																	
30:	18	15	5	2																	
28:	15	14	7	3	1																
26:	12	12	9	4	3	1		1													
							1														
24:	9	9	8	4	5	3		2													
							2														
22:	6	6	6	4	5	4		3	2												
							2			1											
20:	4	4	4	3	4	4		3	3		2	1									
							1			1											
18:	2	2	2	2	2	2		2	2		2	1	1	1	1						
16:	1	1	1	1	1	1		1	1		1	1	1	1	1	1	1				1
	0	1	2	3	4	5:	6	7	8:	9	10	11	12	13	14	15	16	17:	18:	19	20

Character - 35_a

50:	1																			
48:	1																			
46:	2																			
44:	2																			
42:	3																			
40:	3	1																		
38:	4	1																		
36:	3	1																		
34:	4	2																		
32:	3	2	1																	
30:	3	2																		
							1													
28:	2	2	1																	
26:	2	2	1																	
							1													
24:	1	1	1	1																
							1													
22:	1	1	1		1	1	1			1										
20:																				
18:														1						
16:																				1
	0	1	2	3	4	5:	6	7	8:	9	10	11	12	13	14	15	16	17:	18:	19

Character = 280 a

54:	2																			
52:	3																			
50:	5																			
48:	10																			
46:	13																			
44:	17																			
42:	23	1																		
40:	25	2																		
38:	27	6																		
36:	30	11																		
34:	27	14	1																	
32:	25	18	3																	
30:	23	19	7	2																
28:	17	16	9	2	1	1														
							2													
26:	13	13	9	2	3	3														
							3													
24:	10	10	9	4	5	5		1	1											
							3			1										
22:	5	5	5	2	4	4		1	1											
							3			2										
20:	3	3	3	2	3	3		2	2		1			1						
							1			1										
18:	2	2	2	2	2	2		2	2		2	1	1	2						
16:														1			1		1	
	0	1	2	3	4	5:	6	7	8:	9	10	11	12	13	14	15	16	17:	18:	19

Character - 315 a

56:	1																			
54:	1																			
52:	4																			
50:	7																			
48:	10																			
46:	15																			
44:	21																			
42:	23																			
40:	29	3																		
38:	31	6																		
36:	31	11																		
34:	31	17	1																	
32:	29	20	4	1																
30:	23	20	7	1																
28:	21	20	11	3	2	1														
26:	15	15	12	4	4	3														
							2													
24:	10	10	9	3	6	5		1												
							4			1										
22:	7	7	7	4	6	6		3	3											
							2			2										
20:	4	4	4	3	4	4		3	3		3	1	1	1						
							1			1										
18:	1	1	1	1	1	1		1	1		1			1						
16:	1	1	1	1	1	1		1	1		1	1	1	1		1	1	1		
	0	1	2	3	4	5:	6	7	8:	9	10	11	12	13	14	15	16	17:	18:	19

Character = 280_b'

```
55:  1
53:  3
51:  4
49:  8
47: 12
45: 15
43: 20
41: 24  1
39: 25  3
37: 28  8
35: 28 12
33: 25 16  2
31: 24 19  5  1
29: 20 18  9  3  1
27: 15 15 10  2  3  1
                       1
25: 12 12 10  4  5  3     1
                       2
23:  8  8  8  4  6  5  3  2  1  2
21:  4  4  4  2  4  4     2  2     1
                       2        2
19:  3  3  3  3  3  3     3  3     3  1  1  1
17:  1  1  1  1  1  1     1  1     1  1  1  1     1  1

     0  1  2  3  4 5: 6  7 8:  9 10 11 12 13 14 15 16
```

Character = 70_a

```
54:  1
52:  1
50:  1
48:  3
46:  3
44:  4
42:  6
40:  6
38:  6  1
36:  8  3
34:  6  3
32:  6  5  1
30:  6  5  2  1
28:  4  4  3  1  1
26:  3  3  2     1
24:  3  3  3  2  2  1     1
22:  1  1  1     1  1
                       1        1
20:  1  1  1  1  1  1     1  1     1
18:  1  1  1  1  1  1     1  1     1  1  1        1

     0  1  2  3  4 5: 6  7 8:  9 10 11 12 13 14 15
```

Character = 189_c

```
56:  1
54:  2
52:  4
50:  6
48:  9
46: 12
44: 15
42: 17  1
40: 19  3
38: 19  6
36: 19  9
34: 17 11  2  1
32: 15 12  3  1
30: 12 11  5  2
28:  9  9  6  2  1  1
                       1
26:  6  6  5  2  2  2
                       2
24:  4  4  4  2  3  3     1  1
                       2        1
22:  2  2  2  1  2  2     1  1
                       1        1
20:  1  1  1  1  1  1     1  1     1     1  1  1

     0  1  2  3  4 5: 6  7 8:  9 10 11 12 13 14
```

Character = 210_a'

```
57:  1
55:  2
53:  4
51:  7
49: 10
47: 13
45: 17
43: 19  1
41: 21  3
39: 22  6
37: 21  9
35: 19 12  1
33: 17 13  3  1
31: 13 12  5  1
29: 10 10  6  1  1  1
                       1
27:  7  7  6  2  2  2
                       2
25:  4  4  4  1  3  3
                       2        1
23:  2  2  2  1  2  2     1  1
                       1        1
21:  1  1  1  1  1  1     1  1     1        1

     0  1  2  3  4 5: 6  7 8:  9 10 11 12 13
```

Character = $168_a{}'$

```
57:  1
55:  2
53:  3
51:  6
49:  8
47: 10
45: 14
43: 15
41: 16  2
39: 18  5
37: 16  7
35: 15 10  1
33: 14 11  3  1
31: 10  9  4  1
29:  8  8  5  1  1
27:  6  6  5  2  2  1
                      1
25:  3  3  3  1  2  2
                      2        1
23:  2  2  2  1  2  2     1  1
                      1        1
21:  1  1  1  1  1  1     1  1     1     1

     0  1  2  3  4  5: 6  7  8: 9 10 11 12
```

Character = $105_b{}'$

```
57:  1
55:  1
53:  2
51:  4
49:  5
47:  6
45:  9
43:  9
41: 10  1
39: 11  3
37: 10  4
35:  9  6
33:  9  7  2  1
31:  6  6  3  1
29:  5  5  3  1  1
27:  4  4  4  2  2  1     1
25:  2  2  2  1  2  1     1
                      1
23:  1  1  1  1  1  1     1  1
21:  1  1  1  1  1  1     1  1     1  1

     0  1  2  3  4  5: 6  7  8: 9 10 11
```

Character = 189_b

```
58:  1
56:  2
54:  4
52:  6
50:  9
48: 12
46: 15
44: 17
42: 19  2
40: 19  4
38: 19  8
36: 17 10
34: 15 12  3  1
32: 12 11  4  1
30:  9  9  6  2  1
28:  6  6  5  1  2  1
                      1
26:  4  4  4  2  3  2     1
                      1
24:  2  2  2  1  2  2     1  1
                      1        1
22:  1  1  1  1  1  1     1  1     1

     0  1  2  3  4  5: 6  7  8: 9 10
```

Character = 105_a

```
58:  1
56:  2
54:  3
52:  5
50:  7
48:  8
46: 10
44: 11  1
42: 11  2
40: 11  4
38: 10  5
36:  8  6  1
34:  7  6  1
32:  5  5  3  1
30:  3  3  2
                      1
28:  2  2  2  1  1  1
                      1
26:  1  1  1     1  1
                      1           1

     0  1  2  3  4  5: 6  7  8: 9
```

Character = 120_a ′

```
59:  1
57:  1
55:  3
53:  3
51:  6
49:  9
47: 11
45: 11
43: 13  2
41: 13  3
39: 11  5
37: 11  7
35:  9  7  2  1
33:  6  6  2
31:  5  5  3  1
29:  3  3  3  1  1  1
                       1
27:  1  1  1     1  1
                       1
25:  1  1  1  1  1  1     1  1

     0  1  2  3  4  5: 6  7  8: 9
```

Character = 15_a

```
56:  1
54:
52:  1
50:  1
48:  1
46:  1
44:  2
42:  1
40:  2  1
38:  1
36:  1  1
34:  1  1
32:  1  1  1  1
30:
28:  1  1  1  1  1        1

     0  1  2  3  4  5: 6  7
```

Character = 21_a ′

```
57:  1
55:  1
53:  1
51:  2
49:  2
47:  2
45:  3  1
43:  2
41:  2  1
39:  2  1
37:  1  1
35:  1  1
33:  1  1  1
31:
                       1

     0  1  2  3  4  5: 6
```

Character = 56_a

```
60:  1
58:  1
56:  2
54:  3
52:  4
50:  5
48:  6
46:  6
44:  6  1
42:  6  2
40:  5  3
38:  4  3
36:  3  3  1
34:  2  2  1
32:  1  1  1
30:  1  1  1     1  1

     0  1  2  3  4  5: 6
```

Character = $35_b'$

```
59:  1
57:  1
55:  2
53:  2
51:  3
49:  3
47:  4
45:  3
43:  4  1
41:  3  1
39:  3  2
37:  2  2
35:  2  2  1
33:  1  1  1
31:  1  1  1     1

     0  1  2  3  4
```

Character = 21_b

```
60:  1
58:  1
56:  1
54:  2
52:  2
50:  2
48:  3
46:  2
44:  2  1
42:  2  1
40:  1  1
38:  1  1
36:  1  1  1  1

     0  1  2  3
```

Character = $27_a'$

```
61:  1
59:  1
57:  2
55:  2
53:  3
51:  3
49:  3
47:  3
45:  3  1
43:  2  1
41:  2  2
39:  1  1
37:  1  1  1

     0  1  2
```

Character = 7_a

```
62:  1
60:
58:  1
56:  1
54:  1
52:  1
50:  1
48:
46:  1  1

     0  1
```

Character = $1_a'$

```
63:  1

     0
```

E_8

Character = 1_x

```
 0:  1  1  1  1 1   1 1   1 1 1 1   1 1 1     1 1 1 1     1    1    1 1   1 1 1   1    1    1 1 1 1 1    1    1 1 1 1 1    1    1

     0  1  2  3  4: 5  6  7: 8  9 10 11 12:13 14 15 16:17:18 19 20 21 22:23:24 25:26 27:28 29 30:31 32 33 34:35 36:37 38:39 40 41 42 43 44:45 46:47 48 49 50 51 52:53 54:55 56:57:58

 0: 1               1 1   1 1 1   1   1   1 1   1 1 1   1   1     1   1 1     1 1    1 1    1 1    1     1 1     1 1 1

   59:60:61:62:63:64:65 66 67:68 69 70 71:72 73:74 75:76 77 78:79 80 81 82:83 84:85 86:87:88 89:90 91 92:93:94 95 96:97:98 99 100:101 102 103:104 105:106 107 108:109 110 111 112
```

Character = 8_z

```
29:  1
27:
25:
23:  1  1
21:
19:  1  1  1
17:  1  1  1  1  1
15:
13:  1  1  1  1  1  1  1  1  1  1  1
11:  1  1  1  1  1     1  1     1  1  1  1  1  1  1  1        1
 9:                               1              1    1        1     1     1     1
 7:  1  1  1  1  1     1  1     1  1  1  1     1  1  1     1  1  1  1     1     1  1  1  1  1  1  1  1  1  1  1     1     1  1     1     1
 5:                                                           1                          1           1               1  1  1     1  1  1    1  1  1  1  1  1  1  1
 3:
 1:  1  1  1  1  1     1  1     1  1  1  1     1  1  1     1  1  1  1     1     1     1  1     1  1  1     1     1     1  1  1  1  1     1     1  1  1  1  1     1     1

     0  1  2  3  4: 5  6  7: 8  9 10 11 12:13 14 15 16:17:18 19 20 21 22:23:24 25:26 27:28 29 30:31 32 33 34:35 36:37 38:39 40 41 42 43 44:45 46:47 48 49 50 51 52:53 54:55 56:57:58

 5:   1              1  1  1  1     1           1  1  1     1  1           1  1  1
 3:                                                                                   1        1     1     1              1
 1: 1               1 1   1 1 1   1   1   1 1   1 1 1   1   1     1   1 1     1 1    1 1    1 1    1  1  1 1  1  1 1

   59:60:61:62:63:64:65 66 67:68 69 70 71:72 73:74 75:76 77 78:79 80 81 82:83 84:85 86:87:88 89:90 91 92:93:94 95 96:97:98 99 100:101 102 103:104 105:106 107 108:109 110 111
```

```
Character = 35
              x

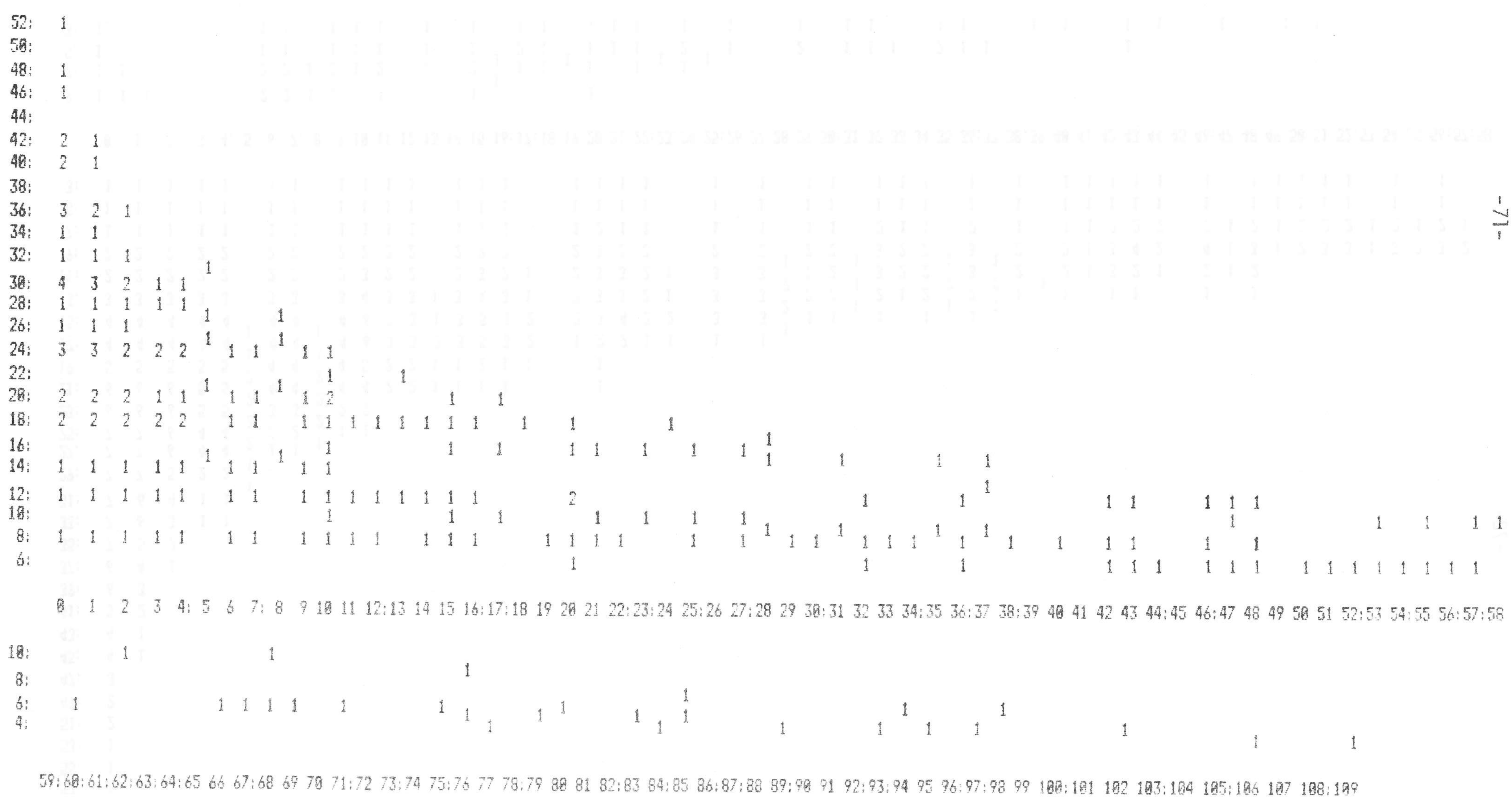
 46:   1
 44:
 42:   1
 40:   1
 38:   1
 36:   2   1
 34:   2   1
 32:   1   1
 30:   3   2   1
 28:   2   2   1
 26:   2   2   2   1  1
                         1
 24:   3   3   2   1  1
 22:   2   2   2   2  2     1  1
                         1        1
 20:   2   2   2   1  1     1  1     1  1
                         1        1
 18:   3   3   3   3  3     2  2     2  2  1  1
 16:   1   1   1   1  1     1  1     1  2  1  1  1  1  2  1  1        1
                         1        1
 14:   2   2   2   2  2     2  2     2  3  1  1     1  2  1  1     1  1  2  1  1     1     1
                                                                                              1
 12:   2   2   2   2  2     2  2     2  2  2  2  1  2  2  2        1  2  1  1        1     1     1  1     1     1     1
                                                                                              1                    1     1     1
 10:   1   1   1   1  1     1  1     1  2  1  1     1  2  1  1     1  2  2  1  1     2     2     1  1     2  1  1     2     1     1  1  2  1  1     1  1  1
                                                                                              1        1           1     1
  8:   1   1   1   1  1     1  1     1  1  1  1     1  1  1        1  1  1  1        1     1     1  1     1  1  1     1     1     1     1  2        2     2        1  1     1  1  1  1
  6:   1   1   1   1  1     1  1     1  1  1  1     1  1  1        1  2  1  1        1     1     1  1     2  1  1     2     1     1  1  2  2  2     2  1  2  1  2  2  2  1  2  1  2  1
  4:
  2:   1   1   1   1  1     1  1     1  1  1  1     1  1  1        1  1  1  1        1     1     1  1     1  1  1     1     1     1  1  1  1  1     1     1  1  1  1  1     1     1

       0   1   2   3  4: 5  6  7: 8  9 10 11 12:13 14 15 16:17:18 19 20 21 22:23:24 25:26 27:28 29 30:31 32 33 34:35 36:37 38:39 40 41 42 43 44:45 46:47 48 49 50 51 52:53 54:55 56:57:58

  8:        1              1  1
                                                         1
  6:  1  1                 2  2  1  2  1  2     1     2     1  1     1     1     1
                                                         1        1           1     1
  4:                                                        1        1           1              1     1     1     2  1  1             1   1
                                                                                                                                                          1
  2:  1                    1  1     1  1  1     1     1     1  1     1  1  1     1     1        1     1  1        1  1        1   1       1   1       1       1   1       1

     59:60:61:62:63:64:65 66 67:68 69 70 71:72 73:74 75:76 77 78:79 80 81 82:83 84:85 86:87:88 89:90 91 92:93:94 95 96:97:98 99 100:101 102 103:104 105:106 107 108:109 110
```

Character = 28



Character = 112_z

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
57:	1																												
55:	1																												
53:	1																												
51:	2																												
49:	2																												
47:	3																												
45:	4	1																											
43:	4	1																											
41:	5	2																											
39:	6	3																											
37:	6	4	1																										
35:	7	5	2																										
33:	7	6	3	1	1																								
31:	7	6	4	1	1																								
						1																							
29:	7	7	5	2	2																								
						1																							
27:	7	7	6	4	4		1	1																					
						2			1																				
25:	7	7	6	4	4		2	2		1	1																		
						2			2																				
23:	6	6	6	5	5		3	3		2	2																		
						2			2																				
21:	6	6	6	5	5		4	4		4	4	2	2	1	1	1	1				1								
						2			2																				
19:	5	5	5	5	5		4	4		4	5	2	2	1	1	2	1	1			1								
						1			1																				
17:	4	4	4	4	4		4	4		4	6	3	3	2	3	5	3	2		1	2	2	1	1		1		1	
						1			1																				1
15:	4	4	4	4	4		4	4		4	6	3	3	1	3	5	3	2		2	3	4	2	2		3		3	
																													2
13:	3	3	3	3	3		3	3		3	4	3	3	1	3	4	3	1		2	3	3	2	1		3		3	
																													2
11:	2	2	2	2	2		2	2		2	3	2	2		2	3	2	1		2	3	3	2	1		3		3	
																													1
9:	2	2	2	2	2		2	2		2	2	2	2		2	2	2			2	3	2	2			2		2	
7:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1	2	1	1			1		1	
5:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1	1	1	1			1		1	
3:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1	1	1	1			1		1	

	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58
15:	1	1		1		1		1																						
			1				1		1																					
13:	2	2		2	1	2		2		1		1		1	1			1		1										
			1				2		2		1																			
11:	2	2		3	2	2		3		2		2	1	3	2	1		2	1	2										
			1				1		1																					
9:	2	2		3	2	2		3		2		2	1	3	4	2		4	1	3	1	2	3	3	1	3	2	3	2	
7:	1	1		2	1	1		2		1		1	1	2	2	2		2	1	2	1	2	2	2	1	2	1	2	1	
5:	1	1		1	1	1		1		1		1	1	1	1	1		1		1	1	1	1	1		1		1		
3:	1	1		1	1	1		1		1		1	1	1	1	1		1		1	1	1	1	1		1		1		

	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84
9:	1	1	1					2	2	1	1		1				1					1				
																		1								
7:	1	1						2	2	1	2	1	2		1		2		1	1		1		1		1
																		1			1				1	
5:	1							1	1		1	1	1		1		1		2	1		1	1	1		2
3:	1							1	1		1	1	1		1		1		1	1		1	1	1		1

	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109
	1																								
5:		1			2		1	1	1		2	1	1					1							
3:		1			1		1	1			1	1			1	1		1	1		1		1	1	

Character = 84
x

```
56:  1
54:  1
52:  1
50:  2
48:  2
46:  2
44:  4  1
42:  3  1
40:  4  2
38:  5  3
36:  4  3  1
34:  5  4  2
32:  6  5  3  1  1
30:  4  4  3  1  1
                   1
28:  6  6  5  3  2    1
                   1
26:  5  5  4  3  3    1  1
                   1        1
24:  4  4  4  3  3    2  2     1  1
                   2        2
22:  5  5  5  4  4    3  3     3  2  1
                   1        1
20:  4  4  4  4  4    3  3     3  3  2  2  1  1  1  1           1
                   1        1
18:  3  3  3  3  3    3  3     3  4  2  2  1  2  3  1  1     1  1  1
                   1        1
16:  4  4  4  4  4    4  4     4  5  3  3  1  3  4  3  1     2  2  3  2  1     2     1     1        1
                                                                                         1
14:  2  2  2  2  2    2  2     2  3  2  2  1  2  3  2  1     1  2  2  1  1     2     2     1  1     1     1     1     1
                                                                                         2        1           2     1     1
12:  2  2  2  2  2    2  2     2  3  2  2     2  3  2  1     2  2  3  2  1     3     3     2  2     2  2  2     2     2     2  1  2  1  1     1     1
                                                                                         1        1           1     1
10:  2  2  2  2  2    2  2     2  2  2  2     2  2  2        2  2  2  2        2     2     2  2     2  2  2     2     2     2  1  2  3  1     2     2  1  1  2  1     1  1  1
 8:  1  1  1  1  1    1  1     1  1  1  1     1  1  1        1  2  1  1        1     1     1  1     2  1  1     2     1     1  1  2  2  2     2  1  2  1  2  2  2  1  2  1  2  1
 6:  1  1  1  1  1    1  1     1  1  1  1     1  1  1        1  1  1  1        1     1     1  1     1  1  1     1     1     1  1  1  1  1     1     1  1  1  1  1     1     1
 4:  1  1  1  1  1    1  1     1  1  1  1     1  1  1        1  1  1  1        1     1     1  1     1  1  1     1     1     1  1  1  1  1     1     1  1  1  1  1     1     1

     0  1  2  3  4: 5  6  7: 8  9 10 11 12:13 14 15 16:17:18 19 20 21 22:23:24 25:26 27:28 29 30:31 32 33 34:35 36:37 38:39 40 41 42 43 44:45 46:47 48 49 50 51 52:53 54:55 56:57:58

10:                        1
 8:  1  1                  2  2  1  2  1  2     1     1     1     1     1     1
                                                         1           1           1
 6:  1                     1  1     1  1  1     1     1     1  1     1  1  1     1     1        1     1        1
 4:  1                     1  1     1  1  1     1     1     1  1     1  1  1     1     1        1     1  1     1  1     1  1     1  1        1

59:60:61:62:63:64:65 66 67:68 69 70 71:72 73:74 75:76 77 78:79 80 81 82:83 84:85 86:87:88 89:90 91 92:93:94 95 96:97:98 99 100:101 102 103:104 105:106 107
```

Character = 160
z

```
53:   6  1
51:   4
49:   6  2
47:   9  3
45:   6  3
43:   9  5  1
41:  11  7  2
39:   7  5  2
                     1
37:  11  9  5  1  1
                     1
35:  11  9  5  2  2
                     1
33:   7  7  5  2  2
                     3        1
31:  11 10  8  4  4     1  1
                     2        1
29:   9  9  7  5  5     2  2     1  1
                     2        2
27:   6  6  6  4  4     2  2     1  2
                     4        3
25:   9  9  8  6  6     4  4     4  4  1  1
                     1        1
23:   6  6  6  6  6     4  4     3  5  2  2  2  1  2  1  1  1     1
                     2        2
21:   4  4  4  3  3     3  3     3  6  1  1  1  1  4  1  3        1  1     1
                     2        2                                                          1
19:   6  6  6  6  6     5  5     5  6  3  3  1  2  3  2  1  1  1  2  2  1  1  1  1     1
                                                                                         2
17:   3  3  3  3  3     3  3     3  5  3  3  2  3  5  3  2     1  4  2  1  1     2     2     1  1     1     1     1
                     1        1                                                          2        1           2     2     1
15:   2  2  2  2  2     2  2     2  4  1  1     1  3  1  2     1  2  3  1  2     2     2                                            1              1
                                                                                         2        1           1     2
13:   3  3  3  3  3     3  3     3  3  3  3  1  3  3  3        2  4  2  2        2     2     2  2     3  1  2     3     1     1     2  2        2  1  2
                                                                                         1                    1     1     1
11:   1  1  1  1  1     1  1     1  2  1  1     1  2  1  1     1  3  2  1  1     2     2     1  1     3  1  1     3     1     1  1  3  2  2     2  3  2     1  1  1  2  1  2  1  2  1
                                                                                         1        1           1     1
 9:   1  1  1  1  1     1  1     1  1  1  1     1  1  1        1  1  1  1        1     1     1  1     1  1  1     1     1     1     1  2        2     2        1  1     1  1  1  1
 7:   1  1  1  1  1     1  1     1  1  1  1     1  1  1        1  2  1  1        1     1     1  1     2  1  1     2     1     1  1  2  2  2     2  1  2  1  2  2  2  1  2  1  2  1

      0  1  2  3  4: 5  6  7: 8  9 10 11 12:13 14 15 16:17:18 19 20 21 22:23:24 25:26 27:28 29 30:31 32 33 34:35 36:37 38:39 40 41 42 43 44:45 46:47 48 49 50 51 52:53 54:55 56:57:58

11:      1     1              1  1  1
                                                        1
 9:         1              1  1
                                                        2                    1     1        1
 7:   1  1                 2  2  1  2  1  2     1     2     1  1     1     1     1                             1
                                                        1        1           1     1
 5:                                                        1        1           1              1     1     1     2  1  1           1  1
                                                                                                                                                1

   59:60:61:62:63:64:65 66 67:68 69 70 71:72 73:74 75:76 77 78:79 80 81 82:83 84:85 86:87:88 89:90 91 92:93:94 95 96:97:98 99 100:101 102 103:104 105:106
```

```
Character = 210
              x

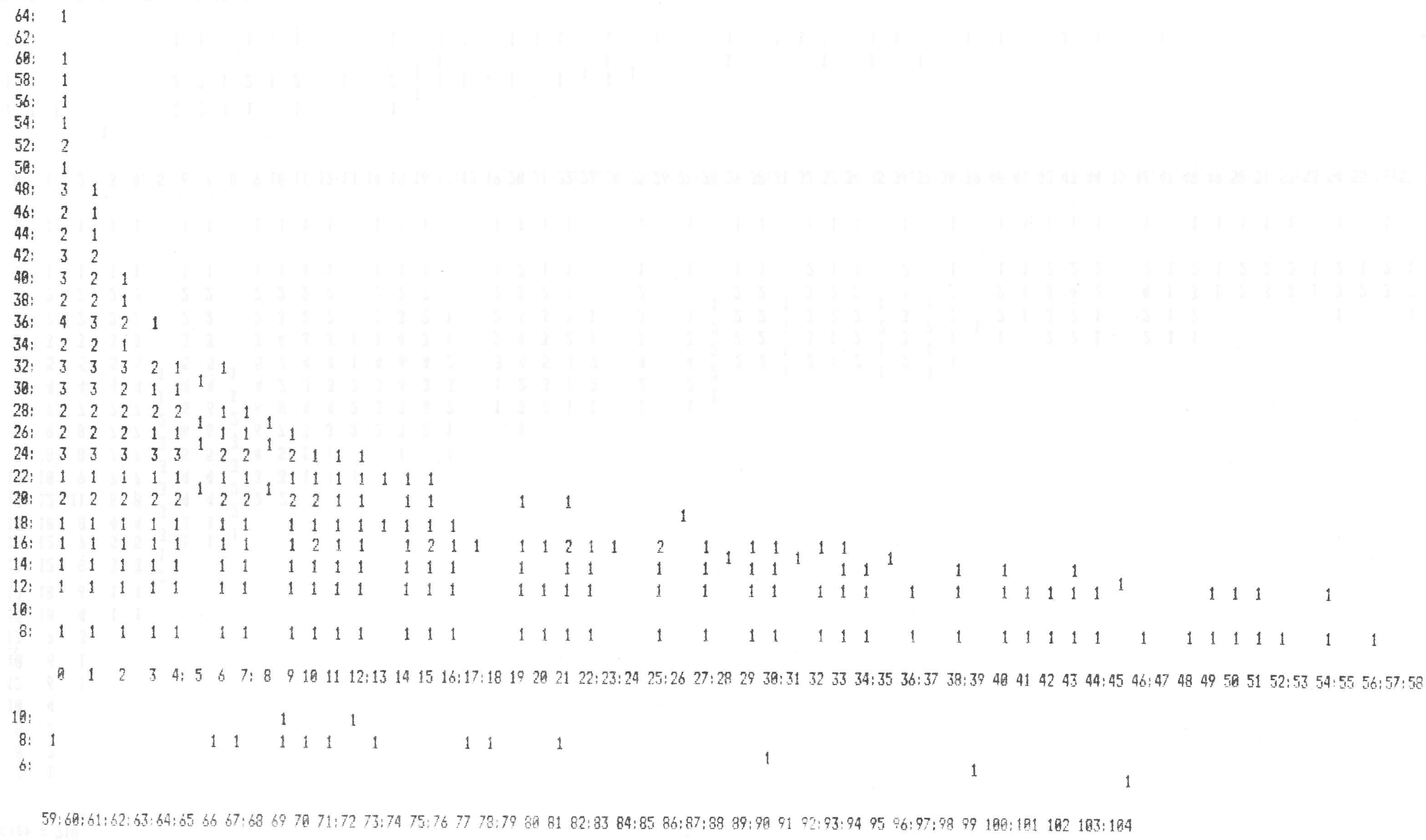
52:    7  1
50:    8  2
48:    8  2
46:   10  4
44:   12  6  1
42:   10  6  1
40:   13  9  3
38:   13 10  4  1  1
36)- 12 10  6  1  1
                      2
34:   13 12  8  3  3
                      1
32:   13 12  9  5  5     1  1
                      3        1
30:   10 10  8  4  4     1  1
                      3        2
28:   12 12 11  8  8     4  4     2  2
                      3        2
26:   10 10  9  7  7     4  4     3  3  1  1  1
                      3        3
24:    8  8  8  7  7     5  5     4  5  1  1        1     1
                      3        3
22:    8  8  8  7  7     6  6     6  7  3  3  2  2  3  2  1        1
                      2        2
20:    7  7  7  7  7     6  6     6  8  4  4  2  3  5  3  2     1  3  2  1  1     1     1
                      1        1                                                           1
18:    4  4  4  4  4     4  4     4  7  3  3  2  3  6  3  3     1  2  3  1  2     2     2
                      1        1                                                           2        1           1     1
16:    5  5  5  5  5     5  5     5  7  4  4  1  4  6  4  2     3  4  5  3  2     4     4     2  2     2  1  2     2     1
                                                                                           2        1           1     1
14:    3  3  3  3  3     3  3     3  4  3  3  1  3  4  3  1     2  4  3  2  1     3     3     2  2     3  1  2     3     1     1     2  2  1     2  1  1
                                                                                           2        1           2     2     1
12:    2  2  2  2  2     2  2     2  3  2  2     2  3  2  1     2  3  3  2  1     3     3     2  2     3  2  2     3     2     2  1  3  2  1     2  1  2                 1        1
                                                                                           1        1           1     1
10:    2  2  2  2  2     2  2     2  2  2  2     2  2  2        2  3  2  2        2     2     2  2     3  2  2     3     2     2  1  3  4  2     4  1  3  1  2  3  3  1  3  2  3  2
8:     1  1  1  1  1     1  1     1  1  1  1     1  1  1        1  2  1  1        1     1     1  1     2  1  1     2     1     1  1  2  2  2     2  1  2  1  2  2  2  1  2  1  2  1
6:
4:     1  1  1  1  1     1  1     1  1  1  1     1  1  1        1  1  1  1        1     1     1  1     1  1  1     1     1     1  1  1  1  1     1     1  1  1  1  1     1     1

      0 1 2 3 4: 5 6 7: 8 9 10 11 12:13 14 15 16:17:18 19 20 21 22:23:24 25:26 27:28 29 30:31 32 33 34:35 36:37 38:39 40 41 42 43 44:45 46:47 48 49 50 51 52:53 54:55 56:57:58

12:                1
10:    1  1  1              2  2  1  1     1           1
                                                          1
8:     1  1                 2  2  1  2  1  2     1     2     1  1     1     1     1
                                                          1        1           1     1
6:                                                           1                    1              1           1     1     1
4:     1                    1  1     1  1  1     1     1     1  1     1  1  1     1     1        1     1  1        1  1        1  1        1  1        1

     59:60:61:62:63:64:65 66 67:68 69 70 71:72 73:74 75:76 77 78:79 80 81 82:83 84:85 86:87:88 89:90 91 92:93:94 95 96:97:98 99 100:101 102 103:104 105:106
```

Character = 50_x



Character = 560
z

	0	1	2	3	4:	5	6	7:	8	9	10	11	12:	13	14	15	16:	17:	18	19	20	21	22:	23:	24	25:	26	27:	28	29
57:	15	1																												
55:	18	2																												
53:	18	3																												
51:	25	7																												
49:	26	9																												
47:	26	12	1																											
45:	33	18	3																											
43:	31	20	5																											
41:	31	23	9	1	1																									
						1																								
39)-	36	29	14	3	2																									
						1																								
37:	31	27	16	5	5																									
						3																								
35:	31	29	21	8	7		1																							
						6			1																					
33:	33	31	24	13	12		3	2																						
						5			2																					
31:	26	26	22	14	14		5	5		1	1																			
						9			6																					
29:	26	26	24	17	16		9	8		5	4																			
						8			6																					
27:	25	25	23	19	19		12	12		9	7	3	2	1																
						6			6																					
25:	18	18	18	16	16		12	12		10	12	4	4	3	2	3	1	1			1									
						7			7																					
23:	18	18	18	16	16		14	14		14	16	7	6	3	4	7	3	3		1	2	1								
						4			4																					
21:	15	15	15	15	15		13	13		13	17	9	9	5	7	11	7	4	1	2	4	4	2	2	1	2		1		
						2			2																				2	
19:	10	10	10	10	10		10	10		10	16	8	8	4	8	14	7	6		4	6	8	3	4		5		4		1
						2			2																				4	
17:	10	10	10	10	10		10	10		10	14	8	8	2	8	12	8	4		6	6	10	6	4		8		7		4
																													5	
15:	7	7	7	7	7		7	7		7	9	7	7	2	7	9	7	2		5	8	7	5	2		7		7		5
																													4	
13:	4	4	4	4	4		4	4		4	6	4	4		4	6	4	2		4	6	6	4	2		6		6		4
																													2	
11:	4	4	4	4	4		4	4		4	4	4	4		4	4	4			4	5	4	4			4		4		4
9:	2	2	2	2	2		2	2		2	2	2	2		2	2	2			2	4	2	2			2		2		2
7:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1	1	1	1			1		1		1
5:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1	1	1	1			1		1		1

	30:	31	32	33	34:	35	36:	37	38:	39	40	41	42	43	44:	45	46:	47	48	49	50	51	52:	53	54:	55	56:	57:	58
19:	1		1																										
		2				2		1																					
17:	3		3	1	3		2		1																				
		2				3		3		1																			
15:	5		6	3	5		6		3		3	1	4	3	1		2	1	1										
		2				4		3		2																			
13:	4		6	4	4		6		4		4	2	6	4	3		4	2	3		1	1	1	1	1	1		1	
		2				2		2																					
11:	4		5	4	4		5		4		4	2	5	7	3		6	1	5	2	3	5	4	1	4	3	4	2	
9:	2		4	2	2		4		2		2	2	4	4	4		4	2	4	2	4	4	4	2	4	2	4	2	
7:	1		1	1	1		1		1		1	1	1	1	1		1		1	1	1	1	1		1		1		
5:	1		1	1	1		1		1		1	1	1	1	1		1		1	1	1	1	1		1		1		

	59:	60:	61:	62:	63:	64:	65	66	67:	68	69	70	71:	72	73:	74	75:	76	77	78:	79	80	81	82:	83	84:	85	86:	87:	88	89:	90	91	92:	93:	94	95	96:	97:	98	99	100:	101	102	103:	104
11:	1	1	1					3	2	1	1		1																																	
																		1																												
9:	2	2						4	4	2	4	2	4		2		3		1	1		1		1																						
																		2			2				2		1																			
7:	1							1	1		1	1	1		1		1		2	1		1	1	1		2		1			2		1		1		1									
5:	1							1	1		1	1	1		1		1		1	1		1	1	1		1		1			1		1	1			1	1			1	1		1	1	

Character = 567

x

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
58:	15	1																		
56:	17	2																		
54:	21	4																		
52:	23	6																		
50:	26	9																		
48:	29	13	1																	
46:	31	17	3																	
44:	32	20	5																	
42:	34	24	9	1	1															
40)-	33	26	12	2	2	1														
38:	34	29	17	5	5	2														
36:	32	29	19	7	7	4														
34:	31	29	22	11	11	5	2	2	1											
32:	29	28	23	13	13	7	4	4	3	1	1									
30:	26	26	23	16	16	8	7	7	5	4	4									
28:	23	23	21	16	16	8	9	9	6	6	7	1	1	1						
26:	21	21	20	17	17	8	12	12	7	10	12	3	3	2	1	2	1	1		
24:	17	17	17	15	15	6	12	12	6	11	15	5	5	4	3	6	3	3	1	
22:	15	15	15	14	14	5	12	12	5	12	17	7	7	4	5	10	5	5	1	1
20:	11	11	11	11	11	3	10	10	3	10	15	7	7	4	6	11	6	5	1	2
18:	9	9	9	9	9	2	9	9	2	9	14	7	7	3	7	12	7	5		4
16:	7	7	7	7	7	1	7	7	1	7	10	6	6	2	6	9	6	3		4
14:	5	5	5	5	5		5	5		5	7	5	5	1	5	7	5	2		4
12:	3	3	3	3	3		3	3		3	4	3	3		3	4	3	1		3
10:	2	2	2	2	2		2	2		2	2	2	2		2	2	2			2
8:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1
6:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1

	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
26:	1																			
24:	2																			
22:	4	3	1	2	1	1		1												
20:	5	5	2	3	1	3		3	2											
18:	7	8	4	4		6		6	4	2	2	1	2		2	1	2	1		
16:	7	7	4	3		6		6	5	3	3	2	4	1	3	3	4	3	1	1
14:	7	6	4	2		6		6	4	4	4	2	6	3	4	3	6	4	3	1
12:	5	4	3	1		4		4	3	3	3	2	5	3	3	3	5	3	3	1
10:	4	2	2			2		2	1	2	2	1	4	2	2	1	4	1	2	
8:	2	1	1			1		1		1	1		2	1	1		2		1	
6:	1	1	1			1		1		1	1		1	1	1		1		1	

	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58
16:	1		2	1			1	1	1										
14:	3	1	5	4	1		4	2	3										
12:	3	1	5	5	2		5	3	4		1	2	2	2	2	3	2	3	1
10:	2	1	4	5	3		5	2	4	1	3	4	4	2	4	3	4	3	
8:	1	1	2	2	2		2	1	2	1	2	2	2	1	2	1	2	1	
6:	1	1	1	1	1		1		1	1	1	1	1		1		1		

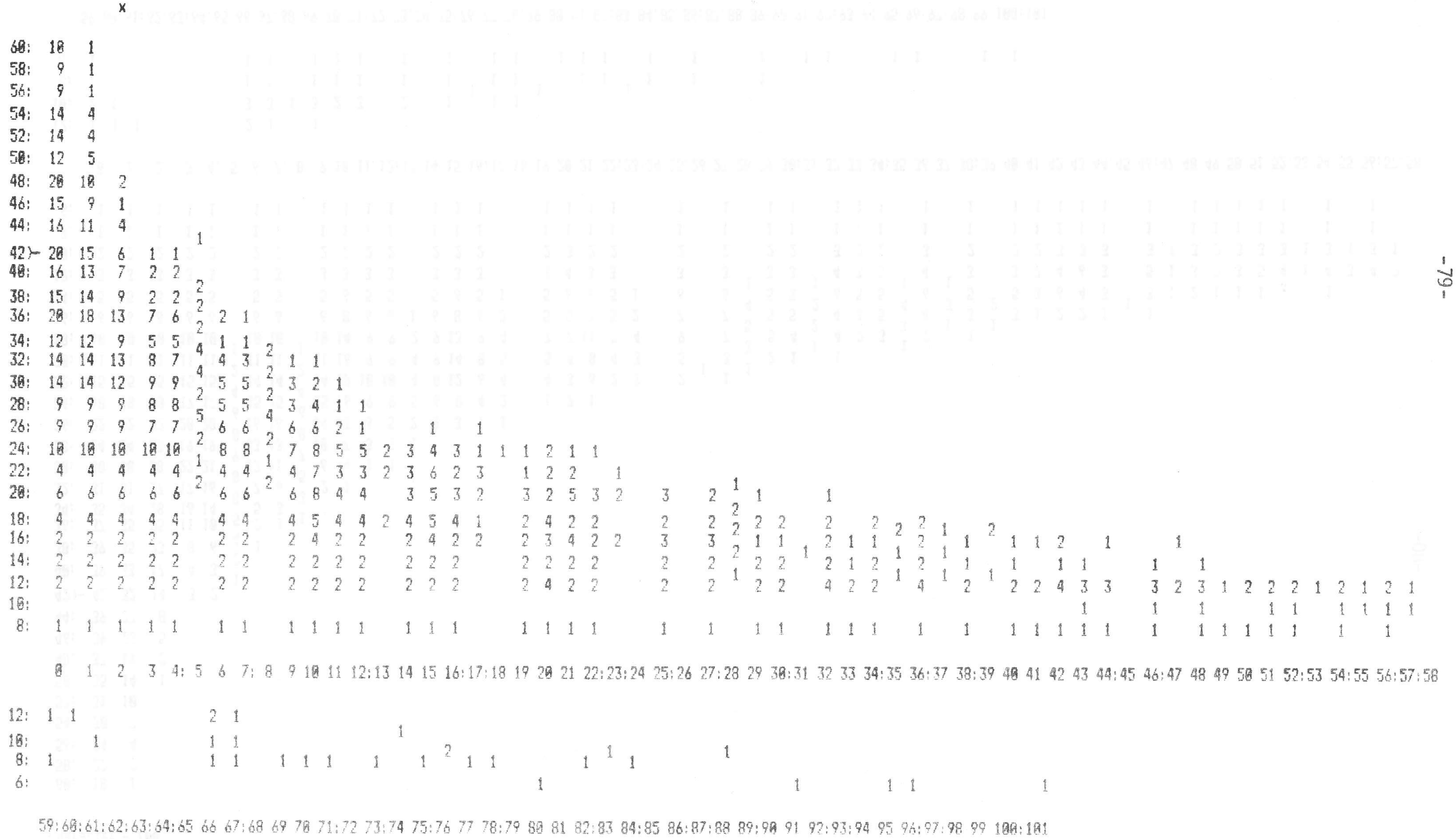
0 1 2 3 4:5 6 7:8 9 10 11 12:13 14 15 16:17:18 19 20 21 22:23:24 25:26 27:28 29 30:31 32 33 34:35 36:37 38:39 40 41 42 43 44:45 46:47 48 49 50 51 52:53 54:55 56:57:58

	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
12:		1	1	1				1	1	1												
10:	1	2	1					3	3	2	2		2				2	1				1
8:	1	1						2	2	1	2	1	2		1		2	2	1	1	1	1
6:	1							1	1		1	1	1		1		1	1	2	1	1	1

	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102
8:		1	1	1	1																	
6:	1	1	1	2	1	1			2		1	1	1		2	1	1					1

59:60:61:62:63:64:65 66 67:68 69 70 71:72 73:74 75:76 77 78:79 80 81 82:83 84:85 86:87:88 89:90 91 92:93:94 95 96:97:98 99 100:101 102

Character = 300



```
Character = 700
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60:  18  1
58:  22  2
56:  24  4
54:  30  7
52:  31  10
50:  35  14  1
48:  37  19  2
46:  39  23  5
44:  39  27  8
42)- 42  32  14  3  2
                     1
40:  39  33  17  4  3
                     2
38:  39  35  23  8  6   1
                     4
36:  37  35  25  11 10  2  1
                     5        1
34:  35  34  28  16 14  5  3
                     8        3
32:  31  31  27  17 16  7  6     2  1
                     8        5
30:  30  30  28  22 21  12 11    6  4  1  1
                     9        7
28:  24  24  23  19 19  13 13    10 7  3  2  1
                     8        8
26:  22  22  22  20 20  16 16    14 13 6  5  2  2  3  1  1
                     6        6
24:  18  18  18  17 17  15 15    15 16 9  8  5  6  8  4  2     1  2  1
                     4        4
22:  15  15  15  15 15  14 14    14 18 10 10 4  8  12 6  4     4  3  6  2  2     2     1
                     2        2                                                     1     1
20:  11  11  11  11 11  11 11    11 16 9  9  4  9  14 8  5     5  4  8  4  3     5     3     2  1     1
                     1        1                                                           3        1           1
18:  10  10  10  10 10  10 10    10 14 9  9  2  9  13 9  4     7  7  11 7  4     9     7     5  4     4  2  3     2     1
                                                                                          5        2           3     1     1
16:  6   6   6   6  6   6  6     6  8  6  6  1  6  8  6  2     5  5  7  5  2     7     7     5  5     4  3  5     4     3     3  1  2  2  1     1
                                                                                          4        2           4     3     2              1
14:  5   5   5   5  5   5  5     5  6  5  5     5  6  5  1     5  6  6  5  1     6     6     5  5     6  5  5     6     5     5  3  6  4  3     3  1  2  1  1  1        1
                                                                                          1        1           1     1
12:  3   3   3   3  3   3  3     3  3  3  3     3  3  3        3  4  3  3        3     3     3  3     4  3  3     4     3     3  2  4  6  3     5  1  3  2  3  5  4  1  4  3  4  2
10:  2   2   2   2  2   2  2     2  2  2  2     2  2  2        2  3  2  2        2     2     2  2     3  2  2     3     2     2  2  3  3  3     3  1  3  2  3  3  3  1  3  1  3  1
 8:  1   1   1   1  1   1  1     1  1  1  1     1  1  1        1  1  1  1        1     1     1  1     1  1  1     1     1     1  1  1  1  1     1     1  1  1  1  1     1     1
 6:  1   1   1   1  1   1  1     1  1  1  1     1  1  1        1  1  1  1        1     1     1  1     1  1  1     1     1     1  1  1  1  1     1     1  1  1  1  1     1     1

     0   1   2   3  4: 5  6  7: 8  9  10 11 12:13 14 15 16:17:18 19 20 21 22:23:24 25:26 27:28 29 30:31 32 33 34:35 36:37 38:39 40 41 42 43 44:45 46:47 48 49 50 51 52:53 54:55 56:57:58

12:  1  1  1           2  1     1
10:  2  1              3  3  1  3  2  3     2     1     1  1
                                                     1        1        1
 8:  1                 1  1     1  1  1     1     1     1  1     1  1     1     1        1
 6:  1                 1  1     1  1  1     1     1     1  1  1  1  1     1     1        1     1  1     1  1     1  1

   59:60:61:62:63:64:65 66 67:68 69 70 71:72 73:74 75:76 77 78:79 80 81 82:83 84:85 86:87:88 89:90 91 92:93:94 95 96:97:98 99 100:101
```

Character = 400
z

	0	1	2	3	4:	5	6	7:	8	9	10	11	12:	13	14	15	16:	17:	18	19
59:	13	1																		
57:	12	1																		
55:	15	3																		
53:	19	5																		
51:	17	6																		
49:	21	10	1																	
47:	23	13	2																	
45:	20	13	3																	
43:	24	18	7	1																
41:	24	19	9	2	1															
39:	20	18	11	3	2															
						2														
37:	23	21	15	6	4		1													
						2														
35:	21	20	15	8	7		2	1												
						3			1											
33:	17	17	15	9	8		3	2												
						6			3											
31:	19	19	17	12	11		6	5		3	1									
						4			3											
29:	15	15	14	12	12		7	7		4	2	1	1	1						
						5			5											
27:	12	12	12	10	10		8	8		7	5	2	2	1	1	1				
						5			5											
25:	13	13	13	12	12		10	10		10	8	5	4	2	2	2	1			
						2			2											
23:	9	9	9	9	9		8	8		8	9	6	6	4	5	6	3	1		1
						2			2											
21:	7	7	7	7	7		7	7		7	10	5	5	2	5	8	3	3		3
						1			1											
19:	7	7	7	7	7		7	7		7	9	6	6	2	6	8	6	2		4
17:	4	4	4	4	4		4	4		4	6	4	4	1	4	6	4	2		3
15:	3	3	3	3	3		3	3		3	4	3	3		3	4	3	1		3
13:	3	3	3	3	3		3	3		3	3	3	3		3	3	3			3
11:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1
9:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1
7:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1

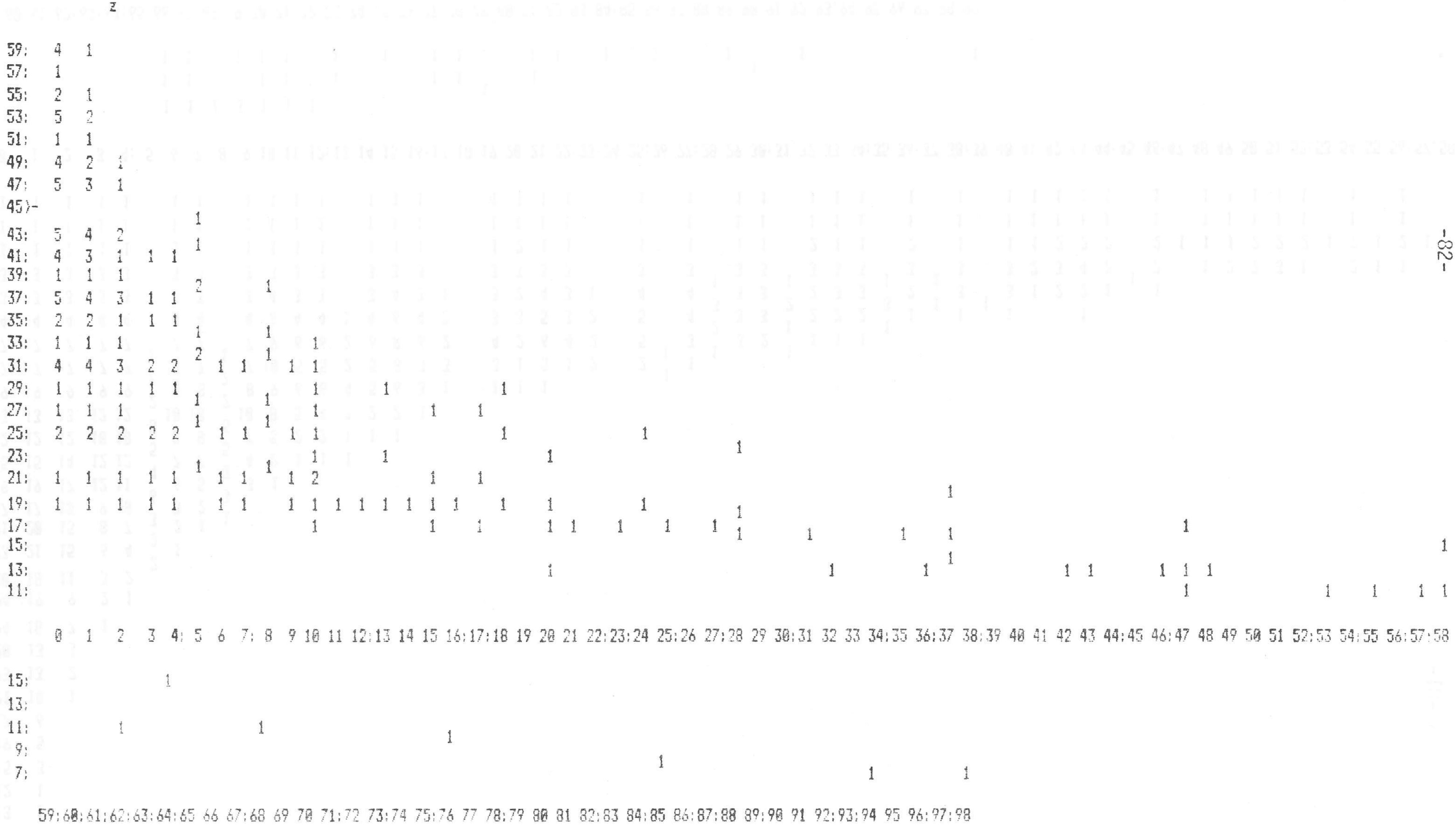
	20	21	22:	23:	24	25:	26	27:	28	29	30:	31	32	33	34:	35	36:	37	38:	39
23:	1	1																		
							1													
21:	1	5	1	2		2		1												
							1		1			1								
19:	2	6	4	2		5		3		3	2		1	1	1					
									2			1				1				
17:	3	5	3	2		5		4		3	3		2	2	2		1		1	
									3			2				3		1		1
15:	2	4	3	1		4		4		3	3		2	3	3		2		3	
									1			1				1		1		
13:	3	3	3			3		3		3	3		3	3	3		3		3	
11:	2	1	1			1		1		1	1		2	1	1		2		1	
9:	1	1	1			1		1		1	1		1	1	1		1		1	
7:	1	1	1			1		1		1	1		1	1	1		1		1	

	40	41	42	43	44:	45	46:	47	48	49	50	51	52:	53	54:	55	56:	57:	58
17:	1			1															
15:	3	1	2	2	1		1												
						1													
13:	3	2	3	4	2		2		1	2	2	3	1		2	1	1		
11:	1	1	2	2	2		2	1	1	1	2	2	2	1	2	1	2	1	
9:	1	1	1	1	1		1		1	1	1	1	1		1		1		
7:	1	1	1	1	1		1		1	1	1	1	1		1		1		

	59:	60:	61:	62:	63:	64:	65	66	67:	68	69	70	71:	72	73:	74	75:	76	77	78:	79
11:	1	1						1	1	1	3	1	1	1							
																					1
9:	1							1	1		1	1	1		1				1	1	
7:	1							1	1		1	1	1		1		1		1	1	

	80	81	82:	83	84:	85	86:	87:	88	89:	90	91	92:	93:	94	95	96:	97:	98	99
9:		1																		
											1									
7:		1	1		1		1			1			1							1

Character = 56



Character = 1000
z

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61:	31	3																												
59:	34	5																												
57:	44	10																												
55:	45	13																												
53:	48	18	1																											
51:	57	27	3																											
49:	55	30	5																											
47:	56	36	10																											
						1																								
45)-	62	44	16	2	2																									
						1																								
43:	56	44	20	4	4																									
						4																								
41:	55	47	27	6	6																									
						6																								
39:	57	51	33	13	13		1	1																						
						7			1																					
37:	48	45	33	15	15		2	2																						
						12			4																					
35:	45	44	36	19	19		5	5		1	1																			
						12			6																					
33:	44	43	37	25	25		10	10		4	4																			
						12			8																					
31:	34	34	31	23	23		12	12		7	8	1	1	1																
						13			11																					
29:	31	31	30	24	24		16	16		12	14	2	2	1		1		1												
						10			9																					
27:	28	28	27	24	24		18	18		16	19	7	7	5	3	5	3	2	1		2									
						7			7																					
25:	19	19	19	18	18		15	15		14	21	7	7	5	4	10	4	6	1		3	1		1						
						6			6																				1	
23:	17	17	17	16	16		15	15		15	22	9	9	5	7	14	7	7	1	2	4	5	2	3	1	2		2		
						3			3																				3	
21:	14	14	14	14	14		13	13		13	19	10	10	5	9	15	9	6	1	4	8	8	4	4	1	5		5		1
						1			1																				5	
19:	8	8	8	8	8		8	8		8	14	7	7	3	7	13	7	6		4	7	9	4	5		7		7		2
						1			1																				6	
17:	7	7	7	7	7		7	7		7	10	6	6	1	6	9	6	3		5	7	8	5	3		7		7		4
																													4	
15:	5	5	5	5	5		5	5		5	6	5	5	1	5	6	5	1		4	8	5	4	1		5		5		4
																													2	
13:	2	2	2	2	2		2	2		2	3	2	2		2	3	2	1		2	4	3	2	1		3		3		2
																													1	
11:	2	2	2	2	2		2	2		2	2	2	2		2	2	2			2	3	2	2			2		2		2
9:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1	2	1	1			1		1		1
	0	1	2	3	4:	5	6	7:	8	9	10	11	12:	13	14	15	16:	17:	18	19	20	21	22:	23:	24	25:	26	27:	28	29

21:	1		1		1		1																						
		1				1		1																					
19:	2		2		2		2																						
		3				4		4		1																			
17:	4		5	2	4		5		2		1		2	1			1	1	1										
		2				3		4		1																			
15:	4		7	3	4		7		3		3	1	6	5	2		5	3	3										
		1				2		2		1																			
13:	2		4	2	2		4		2		2	1	4	4	2		4	3	3		1	2	2	2	3	3	2	4	1
		1				1		1																					
11:	2		3	2	2		3		2		2	1	3	4	2		4	1	3	1	2	3	3	1	3	2	3	2	
9:	1		2	1	1		2		1		1	1	2	2	2		2	1	2	1	2	2	2	1	2	1	2	1	
	30:	31	32	33	34:	35	36:	37	38:	39	40	41	42	43	44:	45	46:	47	48	49	50	51	52:	53	54:	55	56:	57:	58

13:		1	1	1	1			1	1	1										
																		1		
11:	1	1	1					2	2	1	1		1				1			
																		1		
9:	1	1						2	2	1	2	1	2		1		2		1	1
																		1		
7:																			1	
	59:	60:	61:	62:	63:	64:	65	66	67:	68	69	70	71:	72	73:	74	75:	76	77	78:

9:		1		1		1														
	1				1		1													
7:						1					1				1		1		1	
	79	80	81	82:	83	84:	85	86:	87:	88	89:	90	91	92:	93:	94	95	96:	97:	98

```
Character = 1400
                z

65:    32  1
63:    34  1
61:    43  4
59:    53  8
57:    54 11
55:    64 19
53:    72 27  1
51:    70 32  3
49:    79 44  8
47:    82 52 13  1  1
45)-   76 55 20  1  1
                         2
43:    82 65 31  6  5
                         3
41:    79 67 37 11 10
                         6
39:    70 64 43 15 14     1
                        11        1
37:    72 68 51 24 22     5  3
                        12        3
35:    64 62 50 30 29     9  8     1  1
                        15        8
33:    54 54 48 31 30    14 13     5  4
                        18       12
31:    53 53 49 37 36    21 20    13 10  2  1
                        14       11
29:    43 43 41 35 35    23 23    17 16  6  5  3  1  1  1           1
                        14       13
27:    34 34 34 30 30    24 24    21 24  8  7  4  3  6  2  3        1
                        11       11
25:    32 32 32 30 30    26 26    25 29 14 13  7  9 14  8  5  1  2  4  2  1
                         6        6
23:    23 23 23 23 23    21 21    21 29 15 15  8 12 20 11  8  1  4  7  8  3  4  1  3     2
                         4        4                                                        3
21:    17 17 17 17 17    17 17    17 26 13 13  5 12 21 11  9     7  7 13  6  6     8     6     2  1     1
                         2        2                                                        6        2           2     1
19:    15 15 15 15 15    15 15    15 21 13 13  4 13 19 13  6     9 10 14  9  5    11    10     6  5     5  1  5     4     1
                                                                                           7        2           4     3     2
17:     9  9  9  9  9     9  9     9 13  9  9  2  9 13  9  4     7 10 11  7  4    10    10     6  6     7  3  6     7     3     3  1  4  2  1     2  1  1
                                                                                           6        3           5     4     2
15:     6  6  6  6  6     6  6     6  8  6  6     6  8  6  2     6  7  8  6  2     8     8     6  6     7  5  6     7     5     5  2  6  4  2     4  1  3
                                                                                           3        2           3     3     1
13:     5  5  5  5  5     5  5     5  5  5  5     5  5  5        5  7  5  5        5     5     5  5     7  5  5     7     5     5  3  7  8  4     7  2  5  2  3  5  4  1  4  3  4  2
11:     2  2  2  2  2     2  2     2  2  2  2     2  2  2        2  4  2  2        2     2     2  2     4  2  2     4     2     2  2  4  5  4     5  2  4  2  4  5  5  2  5  3  5  3
 9:     1  1  1  1  1     1  1     1  1  1  1     1  1  1        1  1  1  1        1     1     1  1     1  1  1     1     1     1  1  1  1  1     1     1  1  1  1  1     1     1
 7:     1  1  1  1  1     1  1     1  1  1  1     1  1  1        1  1  1  1        1     1     1  1     1  1  1     1     1     1  1  1  1  1     1     1  1  1  1  1     1     1

        0  1  2  3  4: 5  6  7: 8  9 10 11 12:13 14 15 16:17:18 19 20 21 22:23:24 25:26 27:28 29 30:31 32 33 34:35 36:37 38:39 40 41 42 43 44:45 46:47 48 49 50 51 52:53 54:55 56:57:58

13:     1  1  1              2  1
11:     2  2  1              4  4  2  3  1  3     1     2              1
                                                           2        1           1
 9:     1                    1  1     1  1  1     1     1     1  1           1     1
 7:     1                    1  1     1  1  1     1     1     1  1     1  1  1     1     1        1     1  1        1  1

      59:60:61:62:63:64:65 66 67:68 69 70 71:72 73:74 75:76 77 78:79 80 81 82:83 84:85 86:87:88 89:90 91 92:93:94 95 96:97:98
```

Character = 1344_x

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
64:	31	1																												
62:	40	3																												
60:	44	5																												
58:	51	9																												
56:	60	15																												
54:	61	20																												
52:	69	29	2																											
50:	75	38	5																											
48:	72	43	9																											
46:	78	53	17	1	1																									
						1																								
44:	78	59	24	4	3																									
						2																								
42:	72	60	31	7	6																									
						5																								
40:	75	66	41	13	11		1																							
						7																								
38:	69	64	45	20	18		3	1																						
						10			2																					
36:	61	59	47	24	22		6	4																						
						15			6																					
34:	60	59	50	31	29		12	10		3	2																			
						14			8																					
32:	51	51	46	34	33		17	16		8	6	1																		
						16			12																					
30:	44	44	42	33	32		21	20		14	12	3	2	1																
						15			13																					
28:	40	40	39	34	34		25	25		21	19	8	6	3	2	3	1	1			1									
						10			10																					
26:	31	31	31	29	29		24	24		22	25	12	11	7	7	10	5	3	1	1	3	1								
						9			9																					
24:	25	25	25	24	24		22	22		22	28	13	12	6	9	16	7	7		3	4	5	1	2		1				
						5			5																				1	
22:	21	21	21	21	21		20	20		20	27	15	15	7	13	20	12	7	1	6	7	10	5	4	1	5		3		1
						2			2																				4	
20:	15	15	15	15	15		15	15		15	23	13	13	5	13	21	12	8		8	9	14	7	6		10		8		4
						1			1																				7	
18:	11	11	11	11	11		11	11		11	16	10	10	2	10	15	10	5		8	8	13	8	5		11		10		6
																													7	
16:	8	8	8	8	8		8	8		8	10	8	8	1	8	10	8	2		7	9	9	7	2		9		9		7
																													4	
14:	5	5	5	5	5		5	5		5	6	5	5		5	6	5	1		5	7	6	5	1		6		6		5
																													1	
12:	3	3	3	3	3		3	3		3	3	3	3		3	3	3			3	4	3	3			3		3		3
10:	2	2	2	2	2		2	2		2	2	2	2		2	2	2			2	3	2	2			2		2		2
8:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1	1	1	1			1		1		1

	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58
22:			1																										
20:	3		3		2		1																						
		3				4		2		1																			
18:	5		5	2	5		4		2		1		1																
		3				5		4		2																			
16:	7		8	5	7		8		5		5	2	6	4	2		3	1	2										
		2				4		3		2																			
14:	5		7	5	5		7		5		5	3	7	6	4		5	2	4	1	2	3	2	1	2	2	1	1	
		1				1		1																					
12:	3		4	3	3		4		3		3	2	4	6	3		5	1	4	2	3	5	4	1	4	3	4	2	
10:	2		3	2	2		3		2		2	2	3	3	3		3	1	3	2	3	3	3	1	3	1	3	1	
8:	1		1	1	1		1		1		1	1	1	1	1		1		1	1	1	1	1		1		1		

	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95
14:								1																													
12:	1	1	1					3	2	1	1		1																								
																		1																			
10:	2	1						3	3	1	3	2	3		2		2		1	1		1		1													
																		1			1				1												
8:	1							1	1		1	1	1		1		1		1	1		1	1	1		1		1			1		1				1

Character = 350
x

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
66:	11	1																												
64:	11	1																												
62:	10	1																												
60:	17	4																												
58:	16	4																												
56:	14	5																												
54:	23	10	1																											
52:	18	9	1																											
50:	18	11	3																											
						1																								
48)-	24	16	5																											
46:	18	13	5	1	1																									
						2																								
44:	18	15	8	1	1																									
						3																								
42:	23	19	11	4	4																									
						2																								
40:	14	13	8	3	3																									
						5			2																					
38:	16	15	12	5	5		1	1																						
						5			2																					
36:	17	16	12	7	7		2	2		1	1																			
						3			2																					
34:	10	10	9	6	6		2	2		1	2																			
						6			4																					
32:	11	11	10	6	6		3	3		2	3																			
						4			3																					
30:	11	11	10	9	9		5	5		4	5	1	1	1					1											
						2			2																					
28:	5	5	5	4	4		3	3		2	6	1	1	2	1	3	1	2	1		1									
						4			4																					
26:	7	7	7	6	6		5	5		5	7	1	1			2		2	1			1		1	1					
						1			1																				1	
24:	5	5	5	5	5		4	4		4	6	3	3	3	2	3	2	1	2		2				1					
						1			1																				1	
22:	2	2	2	2	2		2	2		2	6	1	1	1	1	5	1	4			2	2		2		1		1		
						1			1																				2	
20:	3	3	3	3	3		3	3		3	4	2	2	1	2	3	2	1	1	1	2	2	1	1	1	1		1		
																													2	
18:	2	2	2	2	2		2	2		2	3	2	2	1	2	3	2	1		1	4	2	1	1		2		2		1
																													2	
16:											1					1		1			1	1		1		1		1		
																													1	
14:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1	2	1	1			1		1		1
12:																					1									

	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58
		1				1		1																					
								1																					
18:	1		2		1		2						1					1											
		1				2		2		1																			
16:			1				1						1					2						1					1
		1				1		2																					
14:	1		2	1	1		2		1		1		2	2			2	1	2										
12:			1				1						1	1	1		1	2	1		1	1	1	2	1	2	1	2	1

	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94
12:		1		1				1	1	1																										
10:																		1																		
8:																		1							1		1			1						
																																				1

Character = 1344
x

```
64:  31   1
62:  40   3
60:  44   5
58:  51   9
56:  60  15
54:  61  20
52:  69  29   2
50:  75  38   5
48:  72  43   9
46:  78  53  17   1   1
                          1
44:  78  59  24   4   3
                          2
42:  72  60  31   7   6
                          5
40:  75  66  41  13  11       1
                          7
38:  69  64  45  20  18       3   1
                         10           2
36:  61  59  47  24  22       6   4
                         15           6
34:  60  59  50  31  29      12  10       3   2
                         14           8
32:  51  51  46  34  33      17  16       8   6   1
                         16          12
30:  44  44  42  33  32      21  20      14  12   3   2   1
                         15          13
28:  40  40  39  34  34      25  25      21  19   8   6   3   2   3   1   1       1
                         10          10
26:  31  31  31  29  29      24  24      22  25  12  11   7   7  10   5   3   1   1   3   1
                          9           9
24:  25  25  25  24  24      22  22      22  28  13  12   6   9  16   7   7   3   4   5   1   2   1
                          5           5                                                          1
22:  21  21  21  21  21      20  20      20  27  15  15   7  13  20  12   7   1   6   7  10   5   4   1   5   3       1   1
                          2           2                                                          4
20:  15  15  15  15  15      15  15      15  23  13  13   5  13  21  12   8   8   9  14   7   6  10   8   4   3   3   2   1
                          1           1                                                          7   3   4   2   1
18:  11  11  11  11  11      11  11      11  16  10  10   2  10  15  10   5   8   8  13   8   5  11  10   6   5   5   2   5   4   2   1   1
                                                                                                 7   3   5   4   2
16:   8   8   8   8   8       8   8       8  10   8   8   1   8  10   8   2   7   9   9   7   2   9   9   7   7   8   5   7   8   5   5   2   6   4   2   3   1   2
                                                                                                 4   2   4   3   2
14:   5   5   5   5   5       5   5       5   6   5   5       5   6   5   1   5   7   6   5   1   6   6   5   5   7   5   5   7   5   5   3   7   6   4   5   2   4   1   2   3   2   1   2   2   1   1
                                                                                                 1   1   1   1
12:   3   3   3   3   3       3   3       3   3   3   3       3   3   3       3   4   3   3       3   3   3   3   4   3   3   4   3   3   2   4   6   3   5   1   4   2   3   5   4   1   4   3   4   2
10:   2   2   2   2   2       2   2       2   2   2   2       2   2   2       2   3   2   2       2   2   2   2   3   2   2   3   2   2   2   3   3   3   3   1   3   2   3   3   3   1   3   1   3   1
 8:   1   1   1   1   1       1   1       1   1   1   1       1   1   1       1   1   1   1       1   1   1   1   1   1   1   1   1   1   1   1   1   1   1       1   1   1   1   1       1       1

      0   1   2   3   4:  5   6   7:  8   9  10  11  12:13  14  15  16:17:18  19  20  21  22:23:24  25:26  27:28  29  30:31  32  33  34:35  36:37  38:39  40  41  42  43  44:45  46:47  48  49  50  51  52:53  54:55  56:57:58

14:                       1
12:   1   1   1           3   2   1   1       1
                                                          1
10:   2   1               3   3   1   3   2   3       2       2   1   1   1       1       1
 8:   1                   1   1       1   1   1       1       1   1   1   1   1   1   1   1   1   1       1       1       1       1

     59:60:61:62:63:64:65  66  67:68  69  70  71:72  73:74  75:76  77  78:79  80  81  82:83  84:85  86:87:88  89:90  91  92:93:94  95
```

```
Character = 350
                x

 66:  11   1
 64:  11   1
 62:  10   1
 60:  17   4
 58:  16   4
 56:  14   5
 54:  23  10   1
 52:  18   9   1
 50:  18  11   3
                       1
 48)- 24  16   5
 46:  18  13   5   1   1
                       2
 44:  18  15   8   1   1
                       3
 42:  23  19  11   4   4
                       2
 40:  14  13   8   3   3
                       5            2
 38:  16  15  12   5   5   1   1
                       5            2
 36:  17  16  12   7   7   2   2       1   1
                       3            2
 34:  10  10   9   6   6   2   2       1   2
                       6            4
 32:  11  11  10   6   6   3   3       2   3
                       4            3
 30:  11  11  10   9   9   5   5       4   5   1   1   1                   1
                       2            2
 28:   5   5   5   4   4   3   3       2   6   1   1   2   1   3   1   2   1       1
                       4            4
 26:   7   7   7   6   6   5   5       5   7   1   1           2       2   1           1       1   1
                       1            1                                                                      1
 24:   5   5   5   5   5   4   4       4   6   3   3   3   2   3   2   1   2       2               1
                       1            1                                                                      1
 22:   2   2   2   2   2   2   2       2   6   1   1   1   1   5   1   4           2   2       2       1   1
                       1            1                                                                      2       1               1       1
 20:   3   3   3   3   3   3   3       3   4   2   2   1   2   3   2   1   1   1   2   2   1   1   1   1   1
                                                                                                           2                           1
 18:   2   2   2   2   2   2   2       2   3   2   2   1   2   3   2   1       1   4   2   1   1       2   2   1   1       2       1   2   2           1           1
                                                                                                                       1                  2
 16:                                       1                   1       1           1   1       1       1   1   1                1         1           1               1       2                                   1       1
                                                                                                                       1                  1   2
 14:   1   1   1   1   1   1   1   1       1   1   1   1       1   1   1       1   2   1   1       1   1       1   1       2   1   1       2       1       1       2   2           2   1   2
 12:                                                                               1                                           1               1                       1   1   1       1   2   1       1   1   1   2   1   2   1   2   1

       0   1   2   3  4:  5   6  7:  8   9  10  11 12:13  14  15 16:17:18  19  20  21 22:23:24 25:26 27:28  29 30:31  32  33 34:35 36:37 38:39  40  41  42  43 44:45 46:47  48  49  50  51 52:53 54:55 56:57:58

 12:     1       1               1   1   1
                                                   1
 10:
  8:                                               1                       1       1           1                   1

     59:60:61:62:63:64:65 66 67:68 69 70 71:72 73:74 75:76 77 78:79 80 81 82:83 84:85 86:87:88 89:90 91 92:93:94
```

Character = 1575$_x$

```
68:  37  1
66:  38  1
64:  48  4
62:  60  8
60:  61 11
58:  71 19
56:  82 28  1
54:  77 32  2
52:  89 46  7
50:  92 54 11
48)- 85 58 18  1  1  2
46:  92 69 28  4  3  3
44:  89 72 35  8  7  5
42:  77 68 41 11 11 11  1
40:  82 75 52 20 18 12  2  1  2
38:  71 67 50 25 25 15  4  4  6
36:  61 60 51 29 28 21  9  8 11  2  2
34:  60 59 52 35 34 16 15 14 11  7  5
32:  48 48 44 35 35 17 19 19 15 11 11  2  2  2
30:  38 38 37 30 30 15 21 21 14 16 18  3  3  3  1  2  1
28:  37 37 36 32 32  8 25 25  8 23 25  9  8  5  3  6  3  3  1  1
26:  25 25 25 24 24  7 20 20  7 19 27 11 11  9  7 13  6  6  2  3  1  1  1
24:  20 20 20 19 19  4 18 18  4 18 28 11 11  6  9 19  8 10  1  3  5  7  2  4  1  3  2  1
22:  17 17 17 17 17  1 16 16  1 16 23 12 12  6 11 18 11  7  2  5  6 10  5  5  2  6  5  3  1  1  1  1  1  1
20:  10 10 10 10 10  1 10 10  1 10 17  9  9  4  9 16  9  7  5  9 11  5  6  9  8  6  3  3  1  3  2  1  1  4  1
18:   7  7  7  7  7  7  7  7 11  6  6  1  6 10  6  4  5  6  9  5  4  8  8  7  4  4  4  4  2  4  5  2  4  1  5  2  1  2  1  1  1
16:   6  6  6  6  6  6  6  6  7  6  6  1  6  7  6  1  5  8  6  5  1  6  6  5  5  5  3  7  4  5  4  7  5  4  1  4  1  6  5  1  4  2  2
14:   2  2  2  2  2  2  2  2  3  2  2  2  3  2  1  2  5  3  2  1  3  3  2  2  2  1  5  2  2  2  5  2  2  1  2  1  5  4  3  4  4  2  2  2  2  3  2  3  1  3  1
12:   2  2  2  2  2  2  2  2  2  2  2  2  2  2  2  3  2  2  2  2  1  2  2  1  3  2  2  1  3  1  2  2  1  3  4  2  4  1  3  1  2  3  3  1  3  2  3  2
10:   1  1  1  1  1  1  1  1  1  1  1  1  1  1  1  2  1  1  1  1  1  1  2  1  1  2  1  1  1  2  2  2  1  2  1  2  2  2  1  2  1  2  1

      0  1  2  3  4: 5  6  7: 8  9 10 11 12:13 14 15 16:17:18 19 20 21 22:23:24 25:26 27:28 29 30:31 32 33 34:35 36:37 38:39 40 41 42 43 44:45 46:47 48 49 50 51 52:53 54:55 56:57:58

14:   1  1  1
12:   1  1  1  2  2  1  1  1
10:   1  1  2  2  1  2  1  2  1  2  1  1  1  1  1  1  1
 8:   1  1  1  1

     59:60:61:62:63:64:65 66 67:68 69 70 71:72 73:74 75:76 77 78:79 80 81 82:83 84:85 86:87:88 89:90 91 92:93:94
```

```
Character = 1400
                                   x

66:    38   2
64:    45   3
62:    45   5
60:    62  12
58:    61  15
56:    66  22   1
54:    77  33   2
52:    76  38   5
50:    74  45   9
48)-   86  58  18   2   1
46:    74  56  21   2   2
                            1
44:    76  63  34   7   5
                            5
42:    77  67  39  12  10
                            4
40:    66  61  43  18  16       2   1
                           12           2
38:    61  59  46  21  19       4   2
                           13           4
36:    62  60  50  32  30      11   9       2   1
                           13           7
34:    45  45  40  27  27      12  12       4   3           1
                           17          13
32:    45  45  43  33  32      20  19      13   9   1   1
                           14          11
30:    38  38  36  31  31      21  21      17  13   6   5   4   1   1   1
                           10          10
28:    28  28  28  26  26      21  21      18  20   8   8   5   4   6   2   2           1
                           10          10
26:    24  24  24  22  22      20  20      20  23  10   9   6   7  11   5   4       1   1   1
                            5           5
24:    21  21  21  21  21      19  19      19  24  14  14   7  11  16  10   5   1   4   4   7   3   3   1   3       2
                            2           2                                                                       1       2
22:    11  11  11  11  11      11  11      11  19   9   9   5   9  17   8   8       4   4   9   3   5       6       4       1   1
                            2           2                                                                               4           3               2       1
20:    12  12  12  12  12      12  12      12  17  10  10   2  10  15  10   5       8   5  13   8   5      10       8       5   4       2   2   3       1       1
                                                                                                                        5           2               2       1
18:     7   7   7   7   7       7   7       7   9   7   7   2   7   9   7   2       5   6   7   5   2       7       7       5   5       4   2   5       4       2       2       1   2           1
                                                                                                                        4           2               4       3       2
16:     4   4   4   4   4       4   4       4   6   4   4       4   6   4   2       4   5   6   4   2       6       6       4   4       5   4   4       5       4       4   2   5   3   2       3   1   1
                                                                                                                        2           2               2       2
14:     3   3   3   3   3       3   3       3   3   3   3       3   3   3           3   3   3   3           3       3       3   3       3   3   3       3       3       3   1   3   5   1       4       2   1   1   3   2       2   2   2   1
12:     2   2   2   2   2       2   2       2   2   2   2       2   2   2           2   4   2   2           2       2       2   2       4   2   2       4       2       2   2   4   4   4       4   2   2   2   4   4   4   2   4   2   4   2
10:
 8:     1   1   1   1   1       1   1       1   1   1   1       1   1   1           1   1   1   1           1       1       1   1       1   1   1       1       1       1   1   1   1   1       1       1   1   1   1   1       1       1

        0   1   2   3  4:   5   6  7:   8   9  10  11 12:  13  14  15 16: 17:  18  19  20  21 22: 23:  24 25:  26 27:  28  29 30:  31  32  33 34:  35 36:  37 38:  39  40  41  42  43 44:  45 46:  47  48  49  50  51 52:  53 54:  55 56: 57:  58

14:            1
12:     2   2                           2   2   2   3   1   2               1
                                                                                        1
10:
 8:     1                           1   1       1   1   1       1       1       1   1           1   1       1       1           1           1

      59: 60: 61: 62: 63: 64:  65  66 67:  68  69  70 71:  72 73:  74 75:  76  77 78:  79  80  81 82:  83 84:  85 86: 87:  88 89:  90  91 92: 93:  94
```

Character = 448_z

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
63:	13	1																			
61:	13	1																			
59:	16	2																			
57:	19	4																			
55:	19	5																			
53:	22	8																			
51:	24	11	1																		
49:	24	13	2																		
47:	25	16	4																		
45)–	26	19	7	1	1																
43:	25	20	9	2	1																
						1															
41:	24	21	12	3	2																
						1															
39:	24	22	15	6	5		1														
						2															
37:	22	21	16	8	6		2														
						4			1												
35:	19	19	16	9	8		3	2													
						4			2												
33:	19	19	17	12	11		6	5		2	1										
						5			3												
31:	16	16	15	12	11		7	6		4	2	1									
						5			4												
29:	13	13	13	11	11		8	8		6	4	2	1								
						4			4												
27:	13	13	13	12	12		10	10		9	7	5	4	2	3	2	1			1	1
						3			3												
25:	9	9	9	9	9		8	8		8	8	5	4	2	3	4	2	1		1	1
						2			2												
23:	7	7	7	7	7		7	7		7	9	5	5	2	4	6	3	2		2	1
						1			1												
21:	7	7	7	7	7		7	7		7	9	6	6	2	6	8	5	2		4	3
19:	4	4	4	4	4		4	4		4	6	4	4	1	4	6	4	2		3	2
17:	3	3	3	3	3		3	3		3	4	3	3		3	4	3	1		3	2
15:	3	3	3	3	3		3	3		3	3	3	3		3	3	3			3	3
13:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1	1
11:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1	1
9:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1	1

	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40
25:	1																			
23:	3	1	1		1															
21:	5	3	1		3		1		2	1		1								
								1												
19:	5	3	2		4		3		2	1		1		1						
								3			1				2		1		1	
17:	4	3	1		4		4		3	3		2	2	3		2		2		2
								2			1				2		1		1	
15:	3	3			3		3		3	3		3	3	3		3		3		3
13:	1	1			1		1		1	1		1	1	1		1		1		1
11:	1	1			1		1		1	1		1	1	1		1		1		1
9:	1	1			1		1		1	1		1	1	1		1		1		1

	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58
17:	1	1																
15:	2	3	2	2		2		1	1	1	1	1						
13:	1	1	2	1		1		1	1	1	2	1		1	1	1		
11:	1	1	1	1		1		1	1	1	1	1		1		1		
9:	1	1	1	1		1		1	1	1	1	1		1		1		

	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91
13:								1																									
11:	1							1	1		1	1	1		1																		
9:	1							1	1		1	1	1		1		1			1		1	1	1				1					1

```
Character = 1050
                x

66:    29  1
64:    32  2
62:    37  4
60:    43  8
58:    48 12
56:    48 16
54:    57 24  2
52:    55 28  3
50:    58 35  8
48)-   60 41 12  1
46:    58 44 18  3  1
                       1
44:    55 46 23  5  3
                       2
42:    57 50 31 10  6     1
                       4
40:    48 45 31 12 10     1
                       6        1
38:    48 46 37 19 15     5  2
                      10        3
36:    43 42 35 21 19     7  5     1
                       9        5
34:    37 37 34 25 23    12 10     4  2
                      13        9
32:    32 32 30 23 22    14 13     9  4  1  1  1
                      10        9
30:    29 29 28 25 25    18 18    14  9  5  4  2  1  1
                       8        8
28:    21 21 21 19 19    16 16    15 13  7  6  5  4  4  1
                       7        7
26:    20 20 20 19 19    17 17    17 17 10  9  4  6  8  3  2     2  1  2
                       3        3                                                     1
24:    14 14 14 14 14    13 13    13 16 10 10  6  9 12  6  3  1  3  1  4  1  1  1  1
                       2        2                                                     1     1
22:    11 11 11 11 11    11 11    11 16  9  9  3  9 14  7  5     6  3 10  4  4     6     3     2  1     1
                       1        1                                                     1     3        2           1
20:     8  8  8  8  8     8  8     8 11  7  7  2  7 10  7  3     5  2  8  5  3     7     5     4  3     1  1  2
                                                                                            4        2           3     1     1
18:     6  6  6  6  6     6  6     6  8  6  6  1  6  8  6  2     5  4  7  5  2     7     6     5  5     3  4  4     2     3     3  1  1  2
                                                                                            3        2           3     1     1
16:     3  3  3  3  3     3  3     3  4  3  3     3  4  3  1     3  2  4  3  1     4     4     3  3     2  3  3     2     3     3  1  2  3  1     1              1           1
                                                                                            1        1           1     1                       1
14:     3  3  3  3  3     3  3     3  3  3  3     3  3  3        3  3  3  3        3     3     3  3     3  3  3     3     3     3  2  3  4  2     2     1  2  2  3  1     2  1  1
12:     1  1  1  1  1     1  1     1  1  1  1     1  1  1        1  2  1  1        1     1     1  1     2  1  1     2     1     1  1  2  2  2     2  1  1  1  2  2  2  1  2  1  2  1
10:     1  1  1  1  1     1  1     1  1  1  1     1  1  1        1  1  1  1        1     1     1  1     1  1  1     1     1     1  1  1  1  1     1     1  1  1  1  1     1     1

        0  1  2  3  4: 5  6  7: 8  9 10 11 12:13 14 15 16:17:18 19 20 21 22:23:24 25:26 27:28 29 30:31 32 33 34:35 36:37 38:39 40 41 42 43 44:45 46:47 48 49 50 51 52:53 54:55 56:57:58

12:     1  1                 1  1  1  3  1  1  1
                                                                    1
10:     1                    1  1     1  1  1     1           1  1        1
                                                                                                     1

      59:60:61:62:63:64:65 66 67:68 69 70 71:72 73:74 75:76 77 78:79 80 81 82:83 84:85 86:87:88 89:90
```

Character = 3240
z

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
69:	70	1																		
67:	85	3																		
65:	100	7																		
63:	116	13																		
61:	131	23																		
59:	145	35																		
57:	158	51	1																	
55:	168	68	4																	
53:	176	87	10																	
51:	181	105	20																	
49>-	182	121	34	2	1															
						1														
47:	181	134	51	6	4															
						3														
45:	176	143	69	14	10															
						7														
43:	168	146	85	24	19		1													
						13														
41:	158	145	98	37	31		4	1												
						20			2											
39:	145	138	105	50	44		10	5												
						27			7											
37:	131	128	106	61	56		19	14		2	1									
						32			15											
35:	116	115	102	69	65		30	26		9	5									
						34			22											
33:	100	100	93	71	69		40	38		22	14	3	2	1						
						32			26											
31:	85	85	82	69	68		47	46		34	26	9	7	4	1	1				
						27			25											
29:	70	70	69	62	62		49	49		43	39	18	15	9	6	8	3	2		
						20			20											
27:	56	56	56	53	53		46	46		44	49	24	22	13	14	21	9	7	1	2
						13			13											
25:	44	44	44	43	43		40	40		40	51	27	26	14	21	33	16	12	1	7
						7			7											
23:	33	33	33	33	33		32	32		32	46	25	25	11	23	37	28	14	1	12
						3			3											
21:	24	24	24	24	24		24	24		24	36	21	21	7	21	33	28	12		14
						1			1											
19:	17	17	17	17	17		17	17		17	24	16	16	3	16	23	16	7		13
17:	11	11	11	11	11		11	11		11	14	11	11	1	11	14	11	3		10
15:	7	7	7	7	7		7	7		7	8	7	7		7	8	7	1		7
13:	4	4	4	4	4		4	4		4	4	4	4		4	4	4			4
11:	2	2	2	2	2		2	2		2	2	2	2		2	2	2			2
9:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1

	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
29:	1																			
27:	3	2																		
25:	6	11	3	4	1	3		1												
							1		2											
23:	9	21	9	9	1	11		6		2	1		1							
							1		7			2				1				
21:	11	24	13	10		18		13		8	6		4	1	3		1			
									11			5				6		2		1
19:	12	28	13	7		18		16		11	10		8	5	9		6		4	
									10			5				8		5		3
17:	11	13	10	3		13		13		10	10		10	8	10		10		8	
									5			3				5		4		2
15:	9	8	7	1		8		8		7	7		9	7	7		9		7	
									1			1				1		1		
13:	6	4	4			4		4		4	4		6	4	4		6		4	
11:	3	2	2			2		2		2	2		3	2	2		3		2	
9:	1	1	1			1		1		1	1		1	1	1		1		1	

	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57
19:	2		1	1														
17:	8	3	8	6	3		4	1	1									
						1												
15:	7	4	9	8	5		6	2	3	2	3	4	2	1	3	2	1	1
13:	4	3	6	8	5		7	2	4	3	5	7	6	2	6	4	6	3
11:	2	2	3	3	3		3	1	3	2	3	3	3	1	3	1	3	1
9:	1	1	1	1	1		1		1	1	1	1	1		1		1	

0 1 2 3 4: 5 6 7: 8 9 10 11 12:13 14 15 16:17:18 19 20 21 22:23:24 25:26 27:28 29 30:31 32 33 34:35 36:37 38:39 40 41 42 43 44:45 46:47 48 49 50 51 52:53 54:55 56:57:58

	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90
13:	2	2	1					3	2	1	2		1																			
11:	2	1						3	3	1	3	2	3		2		1		1	1												
																		1			1				1							
9:	1							1	1		1	1	1		1		1		1	1			1	1		1		1			1	

59:60:61:62:63:64:65 66 67:68 69 70 71:72 73:74 75:76 77 78:79 80 81 82:83 84:85 86:87:88 89:90

```
Character = 840
                z
 71:  22   1
 69:  19
 67:  25   2
 65:  35   4
 63:  29   4
 61:  38   9
 59:  46  14
 57:  37  13
 55:  48  23   3
 53:  51  27   4
 51)- 40  26   6
                          1
 49:  51  36  13   1   1
                          1
 47:  48  37  15   3   2
                          1
 45:  37  32  18   4   4
                          5
 43:  46  41  26   8   6      1
                          4
 41:  38  35  24  12  11      2   1
                          5             1
 39:  29  29  24  11  10      3   2
                         11             4
 37:  35  34  29  18  16      7   5           2   1
                          5             2
 35:  25  25  22  17  17      8   8           3   2   1
                          9             7
 33:  19  19  19  14  13      9   8           5   5
                          9             7
 31:  22  22  21  18  18     13  13          11   8   4   2
                          3             3
 29:  13  13  13  13  13     10  10           8  11   5   5   4   3   4   2   1   1       1
                          5             5
 27:  10  10  10   9   9      9   9           9  12   4   3   1   2   6   1   4       1   1   2       1
                          3             3
 25:  11  11  11  11  11     10  10          10  12   7   7   3   5   7   5   2   2   2   2   3   2   1   1   1
                                                                                                           1
 23:   5   5   5   5   5      5   5           5   9   5   5   3   5   9   4   4       2   4   4   1   2       2       1   2   1   1       1
                          1             1                                                                                  1       1   1                1
 21:   4   4   4   4   4      4   4           4   7   3   3       3   6   3   3       3   2   6   3   3       4       3   3       1                1           1
                                                                                                                                             1       1
 19:   4   4   4   4   4      4   4           4   4   4   4   1   4   4   4           3   4   3   3           3       3       3   3       3   1   3       2   3       1       1
                                                                                                                           2                                   1       2
 17:   1   1   1   1   1      1   1           1   2   1   1       1   2   1   1       1   3   2   1   1       2       2       1   1       3   1   1       1   3       1       1   1   3       2       2       1       1
                                                                                                                           1           1               1       1
 15:   1   1   1   1   1      1   1           1   1   1   1       1   1   1           1   1   1   1           1       1       1   1       1   1   1           1       1       1       1   1           1       1
 13:   1   1   1   1   1      1   1           1   1   1   1       1   1   1           1   2   1   1           1       1       1   1       2   1   1           2       1       1   1   2   2   2       2   1   2   1   2   2   2   1   2   1   2   1

       0   1   2   3   4:  5   6   7:  8   9  10  11  12:13  14  15  16:17:18  19  20  21  22:23:24  25:26  27:28  29  30:31  32  33  34:35  36:37  38:39  40  41  42  43  44:45  46:47  48  49  50  51  52:53  54:55  56:57:58

 13:   1   1                  2   1
                                                  1
 11:                                                  1                   1               1

     59:60:61:62:63:64:65  66  67:68  69  70  71:72  73:74  75:76  77  78:79  80  81  82:83  84:85  86:87:88
```

Character = 175
x

```
62:     7     1
60:     7     1
58:     7     2
56:    10     3
54:     7     3
52:    10     5    1
50:    10     6    1
48)-    9     6    2
46:    10     8    3    1
44:    10     8    4    1
42:     7     7    4    1   1
40:    10     9    7    3   1       1
                                1
38:     7     7    5    2   2
36:     7     7    7    5   4       2   1
                                3           1
34:     7     7    6    4   3       2   1       1
                                1           1
32:     5     5    5    5   5       3   3       1
                                2           2
30:     4     4    4    3   3       3   3       3   1   1   1   1   1
                                2           2
28:     5     5    5    5   5       4   4       4   2   2   1
26:     2     2    2    2   2       2   2       2   2   2   2   2   2   2   1
                                1           1
24:     3     3    3    3   3       3   3       3   3   2   2       2   2               2       2
                                                                                                                    1
22:     2     2    2    2   2       2   2       2   2   2   2   1   2   2   2           1       1   1           1               1
20:     1     1    1    1   1       1   1       1   2   1   1       1   2   1   1       1       2   1   1       2       1       1   1           1
                                                                                                                            1           1               1
18:     1     1    1    1   1       1   1       1   1   1   1       1   1   1           1       1   1           1       1       1   1           1   1               1       1
16:     1     1    1    1   1       1   1       1   1   1   1       1   1   1           1       1   1           1       1       1   1           1   1               1       1   1        1                      1        1
14:
12:     1     1    1    1   1       1   1       1   1   1   1       1   1   1           1   1   1   1           1       1       1   1       1   1   1       1       1       1   1   1    1   1       1          1   1    1   1       1       1

        0     1    2    3   4:  5   6   7:  8   9  10  11  12:13  14  15  16:17:18  19  20  21  22:23:24  25:26  27:28  29  30:31  32  33  34:35  36:37  38:39  40  41  42  43  44:45  46:47  48  49  50  51  52:53  54:55  56:57:58

12:   1                                        1  1
10:                                                                                            1                       1

     59:60:61:62:63:64:65 66 67:68 69 70 71:72 73:74 75:76 77 78:79 80 81 82:83 84:85 86:87:88
```

Character = 2240

```
70:   54   1
68:   66   3
66:   72   5
64:   86  11
62:   97  18
60:  101  25
58:  113  38   1
56:  120  50   3
54:  119  60   7
52:  126  75  15
50:  126  85  24   2   1
48:  119  90  35   4   2
                           2
46:  120  99  49  10   6
                           3
44:  113  99  58  18  13       1
                           7
42:  101  94  65  24  18       3
                          13           1
40:   97  93  72  35  29       8   3
                          15           3
38:   86  84  70  42  37      14   9       1
                          20           9
36:   72  72  65  44  40      20  16       5   2
                          22          14
34:   66  66  62  48  46      28  26      15   7   2   1
                          19          15
32:   54  54  52  45  44      31  30      22  13   7   5   3   1
                          17          16
30:   42  42  42  38  38      31  31      27  21  11   8   4   3   4   1   1
                          13          13
28:   37  37  37  35  35      31  31      30  28  17  15   8  10  11   5   2       2   1   1
                           7           7
26:   27  27  27  27  27      25  25      25  29  18  17   9  14  19   9   5       5   3   6   1   1       1
                           4           4                                                                       1
24:   19  19  19  19  19      19  19      19  27  15  15   6  14  22  11   8       8   3  13   5   5       6       2       1
                           2           2                                                                       1       2           1
22:   16  16  16  16  16      16  16      16  22  14  14   4  14  20  13   6      10   5  15   9   5      11       6       6   4       2   1   1
                                                                                                                       5           2               2
20:   10  10  10  10  10      10  10      10  14  10  10   2  10  14  10   4       8   6  12   8   4      11       9       7   6       4   3   5       2       2       1
                                                                                                                       6           3               5       2       2
18:    6   6   6   6   6       6   6       6   8   6   6       6   8   6   2       6   4   8   6   2       8       8       6   6       4   5   6       4       5       5   2   3   2   1       1
                                                                                                                       3           2               3       2       1                       1
16:    5   5   5   5   5       5   5       5   5   5   5       5   5   5           5   5   5   5           5       5       5   5       5   5   5       5       5       5   3   5   4   3       3       1   2   2   2   1       1
14:    2   2   2   2   2       2   2       2   2   2   2       2   2   2           2   3   2   2           2       2       2   2       3   2   2       3       2       2   2   3   4   3       3   1   1   2   3   4   3   1   3   2   3   1
12:    1   1   1   1   1       1   1       1   1   1   1       1   1   1           1   1   1   1           1       1       1   1       1   1   1       1       1       1   1   1   1   1       1       1   1   1   1   1       1       1
10:    1   1   1   1   1       1   1       1   1   1   1       1   1   1           1   1   1   1           1       1       1   1       1   1   1       1       1       1   1   1   1   1       1       1   1   1   1   1       1       1

       0   1   2   3  4:   5   6  7:   8   9  10  11 12:  13  14  15 16: 17: 18  19  20  21 22: 23: 24 25: 26 27: 28  29 30: 31  32  33 34: 35 36: 37 38: 39  40  41  42  43 44: 45 46: 47  48  49  50  51 52: 53 54: 55 56: 57: 58

14:  1  1                 1        1
12:  1                    1  1     1  1  1     1
10:  1                    1  1     1  1  1     1     1        1        1  1           1

    59:60:61:62:63:64:65 66 67:68 69 70 71:72 73:74 75:76 77 78:79 80 81 82:83 84:85 86:87:88
```

Character = 1296

z	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
69:	30	1																												
67:	37	2																												
65:	44	5																												
63:	49	7																												
61:	56	12																												
59:	61	17																												
57:	66	24	1																											
55:	71	31	3																											
53:	72	38	6																											
51:	74	44	10																											
						1																								
49:	74	51	16	1	1																									
						2																								
47:	72	54	22	3	3																									
						4																								
45:	71	58	29	6	6																									
						6																								
43:	66	57	34	10	10																									
						9			1																					
41:	61	56	38	14	14		1	1																						
						12			3																					
39:	56	53	40	19	19		3	3																						
						14			5																					
37:	49	48	39	22	22		6	6		2	2																			
						15			8																					
35:	44	43	38	25	25		10	10		4	5																			
						15			10																					
33:	37	37	34	25	25		13	13		8	9	1	1	1																
						13			11																					
31:	30	30	29	24	24		15	15		11	14	2	2	2		1		1	1											
						11			10																					
29:	25	25	24	21	21		16	16		14	19	5	5	4	2	5	2	3	1		1									
						8			8																					
27:	19	19	19	18	18		15	15		14	21	6	6	5	3	8	3	5	2		2	1		1	1					
						5			5																				1	
25:	15	15	15	14	14		13	13		13	21	8	8	6	6	13	6	7	2	1	4	3	1	2	1	1		1		
						3			3																				2	
23:	11	11	11	11	11		10	10		10	17	7	7	4	6	13	6	7	2	2	5	6	2	4	2	3		3		
						1			1																				5	
21:	7	7	7	7	7		7	7		7	12	6	6	3	6	11	6	5	1	3	6	7	3	4	1	5		5		1
						1			1																				6	
19:	5	5	5	5	5		5	5		5	8	4	4	1	4	7	4	3		3	6	6	3	3		5		5		2
																													4	
17:	3	3	3	3	3		3	3		3	4	3	3	1	3	4	3	1		2	5	3	2	1		3		3		2
																													2	
15:	2	2	2	2	2		2	2		2	3	2	2		2	3	2	1		2	4	3	2	1		3		3		2
																													1	
13:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1	2	1	1			1		1		1
11:																					1									

z	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58
		1				1		1																					
21:	1		1		1		1																						
		2				3		3		1																			
19:	2		3		2		3						1					1											
		2				3		4		1																			
17:	2		4	1	2		4		1		1		3	2			2	2	1										
		1				2		3		1																			
15:	2		4	2	2		4		2		2	1	4	3	1		3	3	2					1		1		1	1
		1				1		1																					
13:	1		2	1	1		2		1		1		2	3	1		3	2	2		1	2	2	2	2	3	2	3	1
11:			1				1						1	1	1		1	1	1		1	1	1	1	1	1	1	1	

z	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85
15:				1																							
13:		1	1	1				1	1	1																	
																		1									
11:		1						1	1	1	1		1				1	1			1				1		1

Character = 2268

70:	58	1																																																									
68:	58	2																																																								
66:	71	5																																																								
64:	80	9																																																								
62:	93	16																																																								
60:	101	24																																																								
58:	112	35	1																																																							
56:	117	46	2																																																							
54:	125	60	7																																																							
52:	126	71	12																																																							
50)	-130	84	23	1	1																																																						
						1																																																					
48:	126	91	32	3	3																																																						
						2																																																					
46:	125	99	46	8	7																																																						
						6																																																					
44:	117	100	55	14	13																																																						
						9																																																						
42:	112	101	66	23	21		2	1																																																		
						15			1																																																	
40:	101	95	69	30	29		4	3																																																		
						18			4																																																	
38:	93	90	73	40	38		11	9		1	1																																															
						23			9																																																	
36:	80	79	68	43	42		16	15		4	3																																															
						23			14																																																	
34:	71	71	65	48	47		25	24		12	10	1	1																																													
						23			17																																																	
32:	58	58	55	44	44		28	28		19	17	4	3	2																																											
						19			17																																																	
30:	50	50	49	43	43		32	32		26	27	9	8	4	2	4	2	2			1																																						
						15			14																																																	
28:	38	38	38	35	35		29	29		27	32	13	12	8	6	11	5	5	1		2																																						
						10			10																																																	
26:	31	31	31	30	30		27	27		26	35	16	16	8	11	20	10	9	1	3	5	5	2	2		1		1																															
						6			6																				1																														
24:	22	22	22	22	22		21	21		21	31	15	15	8	13	23	12	10	1	5	6	10	4	5	1	4		3																															
						3			3																				4																														
22:	17	17	17	17	17		17	17		17	26	14	14	5	13	22	13	9		8	9	15	8	7		10		8		3	2		2		1		1																						
						1			1																				7			2				2		1																				
20:	11	11	11	11	11		11	11		11	17	10	10	3	10	16	10	6		7	8	12	7	5		10		10		5	5		4	1	5		4		1																				
																													7			3				5		4		2																		
18:	8	8	8	8	8		8	8		8	11	8	8	1	8	11	8	3		7	9	10	7	3		9		9		6	6		7	4	6		7		4		3	1	4	2	1		2	1	1										
																													4			2				3		3		1																		
16:	4	4	4	4	4		4	4		4	5	4	4		4	5	4	1		4	6	5	4	1		5		5		4	4		6	3	4		6		3		3	1	5	4	2		4	2	2										
																													2			1				2		2		1																		
14:	3	3	3	3	3		3	3		3	3	3	3		3	3	3			3	5	3	3			3		3		3	3		5	3	3		5		3		3	2	5	5	3		5	2	3	1	2	3	3	1	4	2	3	3	
12:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1	2	1	1			1		1		1	1		2	1	1		2		1		1	1	2	3	2		3	1	2	1	2	3	3	1	3	2	3	2	
10:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1	1	1	1			1		1		1	1		1	1	1		1		1		1	1	1	1	1		1		1	1	1	1	1		1		1		
	0	1	2	3	4:	5	6	7:	8	9	10	11	12:	13	14	15	16:	17:	18	19	20	21	22:	23:	24	25:	26	27:	28	29	30:	31	32	33	34:	35	36:	37	38:	39	40	41	42	43	44:	45	46:	47	48	49	50	51	52:	53	54:	55	56:	57:	58

14:	1	1	1		1			1	1																		
12:	1	1	1					2	2	1	1		1				1										
																		1									
10:	1							1	1		1	1	1		1		1		1	1				1		1	
	59:	60:	61:	62:	63:	64:	65	66	67:	68	69	70	71:	72	73:	74	75:	76	77	78:	79	80	81	82:	83	84:	85

Character = 4096_x

	0	1	2	3	4:	5	6	7:	8	9	10	11	12:	13	14
72:	96	2													
70:	113	4													
68:	127	8													
66:	156	18													
64:	170	27													
62:	182	41													
60:	208	63	1												
58:	213	80	3												
56:	219	102	10												
54:	236	129	21												
52:	226	142	33	1	1										
						1									
50:	223	159	54	4	3										
						4									
48:	227	176	75	12	9										
						6									
46:	204	172	90	21	18										
						14									
44:	194	174	110	33	28		2								
						22			1						
42:	185	172	121	51	45		7	3							
						26			4						
40:	155	150	118	60	56		13	9							
						38			13						
38:	142	140	120	71	66		25	20		5	3				
						39			19						
36:	126	125	112	80	77		37	34		14	9	1			
						36			25						
34:	98	98	93	73	72		43	42		24	19	4	3	2	
						37			31						
32:	86	86	84	71	70		51	50		39	33	10	7	3	1
						26			24						
30:	69	69	68	63	63		50	50		44	44	20	17	11	7
						18			18						
28:	49	49	49	47	47		42	42		40	51	22	21	13	13
						13			13						
26:	41	41	41	40	40		38	38		38	51	25	24	12	19
						5			5						
24:	29	29	29	29	29		28	28		28	42	23	23	11	21
						2			2						
22:	18	18	18	18	18		18	18		18	30	16	16	5	16
						1			1						
20:	14	14	14	14	14		14	14		14	19	13	13	2	13
18:	8	8	8	8	8		8	8		8	10	8	8	1	8
16:	4	4	4	4	4		4	4		4	5	4	4		4
14:	3	3	3	3	3		3	3		3	3	3	3		3
12:	1	1	1	1	1		1	1		1	1	1	1		1

	15	16:	17:	18	19	20	21	22:	23:	24	25:	26	27:	28	29
32:	2		1												
30:	10	5	3	1		2									
28:	23	9	10	1	2	4	3		1						
26:	33	16	14	2	7	6	11	4	4	1	3		1		
														2	
24:	35	20	14	2	10	10	19	9	9	2	10		6		2
														8	
22:	28	15	12		11	10	21	10	10		15		12		5
														11	
20:	18	13	5		11	10	16	11	5		14		13		9
														8	
18:	10	8	2		7	10	9	7	2		9		9		7
														4	
16:	5	4	1		4	6	5	4	1		5		5		4
														1	
14:	3	3			3	4	3	3			3		3		3
12:	1	1			1	2	1	1			1		1		1

	30:	31	32	33	34:	35	36:	37	38:	39	40	41	42	43	44:
24:	1		1												
		1				1									
22:	4		3		2		1								
		5				6		3		1					
20:	8		7	3	8		6		3		1		1		
		3				6		5		3					
18:	7		9	5	7		9		5		5	2	7	4	2
		2				4		3		2					
16:	4		6	4	4		6		4		4	2	6	4	3
		1				1		1							
14:	3		4	3	3		4		3		3	2	4	6	3
12:	1		2	1	1		2		1		1	1	2	2	2

	45	46:	47	48	49	50	51	52:	53	54:	55	56:	57:	58
18:		3	2	1										
16:		4	2	2		1	1	1	1	1	1		1	
14:		5	1	3	2	3	5	4	1	4	3	4	2	
12:		2	1	2	1	2	2	2	1	2	1	2	1	

	59:	60:	61:	62:	63:	64:	65	66	67:	68	69	70	71:
14:	1	1	1					2	1				
12:	1	1						2	2	1	2	1	2

	72	73:	74	75:	76	77	78:	79	80	81	82:	83
12:		1		1								
					1			1				1

The first column is not palindromic.
The remaining coefficients are:

94:	1
92:	1
90:	3
88:	7
86:	9
84:	17
82:	25
80:	31
78:	47
76:	61
74:	72

Character = 4096 z

73:	86	1																																																									
71:	98	2																																																									
69:	126	7																																																									
67:	142	12																																																									
65:	155	20																																																									
63:	185	37																																																									
61:	194	50																																																									
59:	204	69	2																																																								
57:	227	96	7																																																								
55:	223	112	13																																																								
53:	226	134	27																																																								
						1																																																					
51:	236	158	45	3	2																																																						
						1																																																					
49:	219	163	61	7	6																																																						
						5																																																					
47:	213	174	85	15	12																																																						
						11																																																					
45:	208	180	103	29	24		1																																																				
						15																																																					
43:	182	167	111	40	36		3	1																																																			
						27			3																																																			
41:	170	162	123	55	49		10	5																																																			
						33			7																																																			
39:	156	151	123	70	65		20	15		2	1																																																
						35			15																																																			
37:	127	126	111	73	70		29	26		7	5																																																
						42			26																																																			
35:	113	113	105	77	74		42	39		21	14	2	1																																														
						36			27																																																			
33:	96	96	91	76	75		49	48		33	26	8	5	3																																													
						29			26																																																			
31:	72	72	71	63	63		48	48		39	39	14	12	8	4	6	2	2			1																																					
						25			24																																																			
29:	61	61	61	56	56		48	48		45	49	21	18	10	9	16	6	7	1	1	2	1																																				
						14			14																																																			
27:	47	47	47	46	46		41	41		40	51	26	25	15	18	29	15	11	3	4	6	6	2	2	1	1																																
						8			8																				1																													
25:	31	31	31	31	31		30	30		30	46	22	22	11	19	35	16	16	1	8	8	16	5	8	1	6		3																														
						5			5																				5			1																										
23:	25	25	25	25	25		25	25		25	37	20	20	7	19	31	18	12	1	12	9	21	11	9	1	13		9		4	2		2		1																							
						1			1																				9			2				2		1																				
21:	17	17	17	17	17		17	17		17	25	16	16	5	16	24	16	8		11	12	18	11	7		15		13		8	7		6	1	6		4		1																			
																														10			4				7		4		3																		
19:	9	9	9	9	9		9	9		9	14	9	9	1	9	14	9	5		8	9	13	8	5		12		12		7	7		7	4	7		7		4		3	1	4	1	1		1	1										
																														7			4				6		5		2																		
17:	7	7	7	7	7		7	7		7	8	7	7		7	8	7	1		7	8	8	7	1		8		8		7	7		8	6	7		8		6		6	2	7	5	2		4	1	2									
																														2			1				2		2		1																		
15:	3	3	3	3	3		3	3		3	3	3	3		3	3	3			3	6	3	3			3		3		3	3		6	3	3		6		3		3	2	6	6	4		5	3	3	1	3	4	3	2	3	3	2	2	
13:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1	2	1	1			1		1		1	1		2	1	1		2		1		1	1	2	3	2		3	1	2	1	2	3	3	1	3	2	3	2	
11:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1	1	1	1			1		1		1	1		1	1	1		1		1		1	1	1	1	1		1		1	1	1	1	1		1		1		
	0	1	2	3	4:	5	6	7:	8	9	10	11	12:	13	14	15	16:	17:	18	19	20	21	22:	23:	24	25:	26	27:	28	29	30:	31	32	33	34:	35	36:	37	38:	39	40	41	42	43	44:	45	46:	47	48	49	50	51	52:	53	54:	55	56:	57:	58

15:		1					1																	
13:	1	1	1					2	2	1	1		1												
																		1							
11:	1							1	1		1	1	1		1		1			1				1	
	59:	60:	61:	62:	63:	64:	65	66	67:	68	69	70	71:	72	73:	74	75:	76	77	78:	79	80	81	82:	83

The first column is not palindromic.
The remaining coefficients are:

93:	1
91:	3
89:	4
87:	8
85:	14
83:	18
81:	29
79:	41
77:	49
75:	69

Character = 1400_{zz}

69:	38	1																												
67:	44	2																												
65:	48	4																												
63:	58	9																												
61:	62	13																												
59:	65	19																												
57:	74	28	1																											
55:	74	34	3																											
53:	75	42	7																											
51)-	80	51	12	1																										
49:	75	54	18	1																										
47:	74	59	27	5	2																									
						1																								
45:	74	63	34	9	4																									
						2																								
43:	65	59	38	13	9		1																							
						5																								
41:	62	59	44	19	13		4																							
						9			1																					
39:	58	56	45	25	20		7	3																						
						9			3																					
37:	48	48	42	27	24		11	8		1																				
						14			8																					
35:	44	44	41	30	27		16	13		7	2																			
						13			9																					
33:	38	38	36	30	29		19	18		12	4	3	2	1																
						11			10																					
31:	29	29	29	26	26		20	20		16	9	6	5	3	2	1														
						10			10																					
29:	26	26	26	24	24		21	21		20	14	10	8	4	5	4	1			1										
						6			6																					
27:	20	20	20	20	20		18	18		18	17	12	11	6	8	9	4	1		2		2								
						3			3																	1				
25:	14	14	14	14	14		14	14		14	17	11	11	5	10	13	5	3		5	1	6	1	1		1				
						2			2																	2				
23:	12	12	12	12	12		12	12		12	16	10	10	3	10	14	8	4		7	1	10	5	3		6		2		3
																										1		2		
21:	8	8	8	8	8		8	8		8	11	8	8	2	8	11	8	3		6	2	9	6	3		8		5		5
																												4		
19:	5	5	5	5	5		5	5		5	7	5	5		5	7	5	2		5	2	7	5	2		7		6		5
																												3		
17:	4	4	4	4	4		4	4		4	4	4	4		4	4	4			4	2	4	4			4		4		4
15:	2	2	2	2	2		2	2		2	2	2	2		2	2	2			2	2	2	2			2		2		2
13:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1	1	1	1			1		1		1
11:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1	1	1	1			1		1		1
	0	1	2	3	4:	5	6	7:	8	9	10	11	12:	13	14	15	16:	17:	18	19	20	21	22:	23:	24	25:	26	27:	28	29

23:	1																												
		1																											
21:	4		1	2	2																								
		2				3				1																			
19:	5		2	4	4		1		3		3	1		1															
		2				3		1		1																			
17:	4		2	4	4		2		4		4	2	2	3	1		1			1		1							
																1													
15:	2		2	2	2		2		2		2	2	2	3	2		1			2	2	3	1		2	1	1		
13:	1		1	1	1		1		1		1	1	1	1	1		1			1	1	1	1		1		1		
11:	1		1	1	1		1		1		1	1	1	1	1		1		1	1	1	1	1		1		1		
	30:	31	32	33	34:	35	36:	37	38:	39	40	41	42	43	44:	45	46:	47	48	49	50	51	52:	53	54:	55	56:	57:	58

13:	1										2	1		1									
11:	1							1	1		1	1	1			1				1			1
	59:	60:	61:	62:	63:	64:	65	66	67:	68	69	70	71:	72	73:	74	75:	76	77	78:	79	80	81

Character = 525
x

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
66:	15	1																		
64:	16	1																		
62:	17	2																		
60:	24	5																		
58:	23	6																		
56:	24	8																		
54:	30	13	1																	
52:	28	14	2																	
50:	28	17	4																	
48)-	33	22	7	1	1															
46:	28	21	8	1	1															
						1														
44:	28	23	12	2	2															
						2														
42:	30	26	15	5	5															
						2														
40:	24	22	15	6	6															
						5			1											
38:	23	22	17	7	7		1	1												
						5			2											
36:	24	23	19	12	12		4	4		1	1									
						5			3											
34:	17	17	15	10	10		4	4		2	2									
						7			5											
32:	16	16	15	11	11		6	6		4	4									
						5			4											
30:	15	15	14	12	12		8	8		6	6	2	2	2	1	1	1			
						4			4											
28:	10	10	10	9	9		7	7		6	8	2	2	2	1	2	1	1		
						4			4											
26:	9	9	9	8	8		7	7		7	9	3	3	2	2	4	2	2		
						2			2											
24:	8	8	8	8	8		7	7		7	9	5	5	3	4	6	4	2	1	1
						1			1											
22:	4	4	4	4	4		4	4		4	7	3	3	2	3	6	3	3		1
						1			1											
20:	4	4	4	4	4		4	4		4	6	3	3	1	3	5	3	2		2
18:	3	3	3	3	3		3	3		3	4	3	3	1	3	4	3	1		2
16:	1	1	1	1	1		1	1		1	2	1	1		1	2	1	1		1
14:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1
12:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1

	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58
30:	1																																						
28:	1																																						
26:	1																																						
24:	3	2	1	1	1	1		1																															
									1																														
22:	2	3	1	2		2		2																															
									2			1				1		1																					
20:	2	4	2	2		3		3		1	1		1		1		1																						
									2			1				1		1																					
18:	3	3	2	1		3		3		2	2		2	1	2		2		1		1		1	1			1		1										
									1			1				1		1																					
16:	1	2	1	1		2		2		1	1		1	1	1		1		1		1		1	1			1		1										
									1			1				1		1																					
14:	1	1	1			1		1		1	1		1	1	1		1		1		1		1	1			1		1										
12:	2	1	1			1		1		1	1		2	1	1		2		1		1	1	2	2	2		2	1	1	1	2	2	2	1	2	1	2	1	

0 1 2 3 4: 5 6 7: 8 9 10 11 12:13 14 15 16:17:18 19 20 21 22:23:24 25:26 27:28 29 30:31 32 33 34:35 36:37 38:39 40 41 42 43 44:45 46:47 48 49 50 51 52:53 54:55 56:57:58

	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
12:	1	1						1	1	1	1		1				1					1

59:60:61:62:63:64:65 66 67:68 69 70 71:72 73:74 75:76 77 78:79 80

Character = 3360
z

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
73:	79	1																												
71:	101	4																												
69:	108	6																												
67:	127	14																												
65:	148	24																												
63:	150	33																												
61:	169	51	1																											
59:	182	69	3																											
57:	176	81	7																											
55:	190	105	17																											
53:	190	119	27	1																										
51:	176	126	41	3	2	2																								
49:	182	142	61	9	5	4																								
47:	169	142	73	17	12	7																								
45:	150	135	85	25	20	17	1		1																					
43:	148	138	98	39	31	19	5	1	2																					
41:	127	122	95	49	44	26	10	6	8																					
39:	108	107	92	54	49	33	18	13	16	2	1																			
37:	101	100	90	63	59	27	29	25	18	10	4																			
35:	79	79	74	59	58	28	34	33	24	18	11	3	2	2																
33:	64	64	63	53	52	23	38	37	21	28	20	6	5	3	1	1														
31:	56	56	55	50	50	13	40	40	13	36	29	15	12	7	4	5	2	1												
29:	39	39	39	38	38	10	33	33	10	31	35	18	17	12	11	15	6	4	1	1	1	1								
27:	30	30	30	29	29	5	28	28	5	28	36	18	17	9	14	23	9	9		5	2	7	1	2		1	1		1	
25:	24	24	24	24	24	1	23	23	1	23	31	18	18	8	16	24	14	8	2	8	3	13	6	5	2	6	1	3	4	1
23:	14	14	14	14	14	1	14	14	1	14	23	13	13	5	13	22	12	9		8	5	15	7	7		11		7	7	4
21:	10	10	10	10	10		10	10		10	15	9	9	1	9	14	9	5		8	4	13	8	5		11		9	6	6
19:	7	7	7	7	7		7	7		7	8	7	7	1	7	8	7	1		6	5	7	6	1		7		7	3	6
17:	3	3	3	3	3		3	3		3	4	3	3		3	4	3	1		3	4	4	3	1		4		4	1	3
15:	2	2	2	2	2		2	2		2	2	2	2		2	2	2			2	2	2	2			2		2		2
13:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1	2	1	1			1		1		1

	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58
23:	3	4	1		1	4		1		1																			
21:	5	3	2	2	4	4	1	2	1	1																			
19:	6	1	4	4	6	3	4	2	4	2	4	1	2	3			1												
17:	3	1	4	3	3	1	4	1	3		3	2	4	3	2		2	1				1				1			
15:	2		2	2	2		2		2		2	1	2	4	1		3		1	1	1	3	2		2	2	2	1	
13:	1		2	1	1		2		1		1	1	2	2	2		2	1	1	1	2	2	2	1	2	1	2	1	

	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79
15:			1																		
13:	1	1						1	1	1	2	1	1								1

Character = 4200
x

```
74:   93   1
72:  110   2
70:  128   6
68:  154  13
66:  165  21
64:  188  36
62:  204  53
60:  213  71   2
58:  225  95   6
56:  235 118  14
54)-228 135  25
52:  235 158  45  3  1
                        1
50:  225 168  61  7  4
                        2
48:  213 174  84 15 10
                        8
46:  204 178 102 27 19     1
                       12
44:  188 172 115 42 33     4  1
                       21        1
42:  165 158 119 53 45     9  3
                       29        5
40:  154 150 124 70 60    21 12     1
                       34       12
38:  128 127 111 73 68    29 24     5  2
                       36       22
36:  110 110 103 77 73    42 38    18  9  1  1
                       37       27
34:   93  93  89 73 71    48 46    32 18  7  4  2
                       28       25
32:   74  74  73 66 66    50 50    40 30 15 12  6  3  3  1
                       23       22
30:   57  57  57 53 53    46 46    43 40 21 18 11 10 12  4  3     1  1
                       15       15
28:   47  47  47 46 46    42 42    41 45 26 24 12 17 24 11  7  1  5  2  5  1
                        7        7                                                     1
26:   31  31  31 31 31    30 30    30 41 23 23 12 20 31 15 11  1  8  4 13  4  5  1  4     1
                        4        4                                                     1     2
24:   24  24  24 24 24    24 24    24 35 20 20  6 19 30 16 11    13  5 21 10  8    12     6     4  2     1
                        1        1                                                     1     6        2           1
22:   16  16  16 16 16    16 16    16 23 15 15  4 15 22 15  7    11  6 17 11  6    14    10     8  6     3  1  4     1
                                                                                             8        3           5     1     2
20:   10  10  10 10 10    10 10    10 14 10 10  1 10 14 10  4     9  7 13  9  4    12    11     8  8     5  5  7     4     4     3  1  1  1
                                                                                             6        3           5     2     2
18:    6   6   6  6  6     6  6     6  7  6  6     6  7  6  1     6  5  7  6  1     7     7     6  6     5  5  6     5     5     5  2  4  3  2     2
                                                                                             2        1           2     2     1                 1
16:    4   4   4  4  4     4  4     4  4  4  4     4  4  4        4  5  4  4        4     4     4  4     5  4  4     5     4     4  3  5  5  3     3  1  1  2  2  3  1     2  1  1
14:    1   1   1  1  1     1  1     1  1  1  1     1  1  1        1  2  1  1        1     1     1  1     2  1  1     2     1     1  1  2  3  2     3  1  1  1  2  3  3  1  3  2  3  2
12:    1   1   1  1  1     1  1     1  1  1  1     1  1  1        1  1  1  1        1     1     1  1     1  1  1     1     1     1  1  1  1  1     1     1  1  1  1  1     1     1

       0   1   2  3  4: 5  6  7: 8  9 10 11 12:13 14 15 16:17:18 19 20 21 22:23:24 25:26 27:28 29 30:31 32 33 34:35 36:37 38:39 40 41 42 43 44:45 46:47 48 49 50 51 52:53 54:55 56:57:58

14:   1  1  1              1  1     1
12:   1                    1  1     1  1  1     1              1

    59:60:61:62:63:64:65 66 67:68 69 70 71:72 73:74 75:76 77 78:79
```

Character = 972
x

	0	1	2	3	4:	5	6	7:	8	9	10	11	12:	13	14	15	16:	17:	18	19	20	21	22:	23:	24	25:	26	27:	28	29
68:	27	1																												
66:	29	2																												
64:	36	4																												
62:	38	6																												
60:	44	10																												
58:	46	14																												
56:	51	20	1																											
54:	51	24	2																											
52:	55	31	6																											
50≻	52	34	8																											
48:	55	40	15	2	1																									
						1																								
46:	51	41	18	3	2																									
						1																								
44:	51	44	26	8	5		1																							
						3																								
42:	46	42	27	9	7		1																							
						4																								
40:	44	42	32	16	12		4	1																						
						7			1																					
38:	38	37	30	16	14		5	3																						
						8			3																					
36:	36	36	32	22	19		10	7		2	1																			
						9			5																					
34:	29	29	27	20	19		11	10		5	2	1																		
						9			7																					
32:	27	27	26	22	21		15	14		10	6	3	2																	
						8			7																					
30:	20	20	20	18	18		14	14		12	8	5	3	2	1	1														
						6			6																					
28:	18	18	18	17	17		15	15		14	13	8	7	3	4	5	2	1		1	1	1								
						4			4																					
26:	13	13	13	13	13		12	12		12	13	8	7	4	6	8	3	2		2	1	2								
						2			2																					
24:	11	11	11	11	11		11	11		11	14	9	9	3	8	11	6	3		5	3	7	3	2		3		1		1
						1			1																		1		1	
22:	7	7	7	7	7		7	7		7	10	6	6	2	6	9	5	3		4	2	6	3	2		4		2		2
																													2	
20:	6	6	6	6	6		6	6		6	8	6	6	1	6	8	6	2		5	4	7	5	2		6		4		4
																													3	
18:	3	3	3	3	3		3	3		3	4	3	3		3	4	3	1		3	2	4	3	1		4		4		3
																													2	
16:	3	3	3	3	3		3	3		3	3	3	3		3	3	3			3	3	3	3			3		3		3
14:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1	1	1	1			1		1		1
12:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1	1	1	1			1		1		1

	30:	31	32	33	34:	35	36:	37	38:	39	40	41	42	43	44:	45	46:	47	48	49	50	51	52:	53	54:	55	56:	57:	58
24:			1																										
22:	1		1																										
		1				1																							
20:	3		3	2	2		1		1																				
		1				2				1																			
18:	3		2	2	3		2		2		2	1	1	1	1														
		1				2		1		1						1													
16:	3		3	3	3		3		3		3	2	3	2	2		1		1	1	1	1			1				
14:	1		1	1	1		1		1		1	1	1	2	1		1		1	1	1	2	1		1	1	1		
12:	1		1	1	1		1		1		1	1	1	1	1		1		1	1	1	1	1		1		1		

	59:	60:	61:	62:	63:	64:	65	66	67:	68	69	70	71:	72	73:	74	75:	76	77
14:								1											
12:	1							1	1		1	1	1		1				1

```
Character = 2100
                x

74:  48   1
72:  52   1
70:  64   4
68:  80   8
66:  80  11
64:  96  20
62: 106  29
60: 104  35   1
58: 116  50   4
56: 122  61   8
54)-112  66  13   1
52: 122  81  24   1   1   2
50: 116  85  30   4   4   3
48: 104  84  40   6   6   9
46: 106  91  51  12  12   9
44:  96  86  55  20  20  15   1   1   2
42:  80  76  56  22  22  20   2   2   5
40:  80  77  62  33  32  19   8   7   7   1   1
38:  64  63  53  34  34  21  11  11  13   3   3
36:  52  52  48  33  33  21  16  16  15   7   8
34:  48  48  45  35  35  14  21  21  12  14  14   2   1   1
32:  36  36  35  31  31  13  21  21  12  16  20   5   5   4   1   2   1   1   1   1
30:  26  26  26  23  23   9  19  19   9  17  24   6   6   4   2   7   2   5   1   1
28:  24  24  24  23  23   4  20  20   4  19  26  10  10   6   6  12   6   6   3   1   3   2   1   1   1   1
26:  14  14  14  14  14   3  13  13   3  13  22   9   9   7   7  15   7   8   2   1   5   4   1   3   1   1   1   3
24:  10  10  10  10  10   1  10  10   1  10  18   7   7   3   6  14   6   8   1   3   4   8   3   5   1   4   4   5   1   1   1
22:   8   8   8   8   8   8   8   8  12   7   7   3   7  11   7   4   1   4   6   7   4   3   1   5   5   5   2   2   1   2   2   2   2   2   1
20:   4   4   4   4   4   4   4   4   7   4   4   1   4   7   4   3   3   6   6   3   3   5   5   4   2   2   2   3   2   3   3   3   1   1   1
18:   2   2   2   2   2   2   2   2   3   2   2   2   3   2   1   2   3   3   2   1   3   3   2   2   2   1   3   1   2   2   3   3   1   1   1   2   1   1   1   1
16:   2   2   2   2   2   2   2   2   2   2   2   2   2   2   2   4   2   2   2   2   2   2   4   2   2   4   2   2   1   4   3   1   3   2   2
14:   1   1   4   1   1   2   1   2   2   1   1   2   2   2   3   2   3   1

      0  1  2  3  4: 5  6  7: 8  9 10 11 12:13 14 15 16:17:18 19 20 21 22:23:24 25:26 27:28 29 30:31 32 33 34:35 36:37 38:39 40 41 42 43 44:45 46:47 48 49 50 51 52:53 54:55 56:57:58

14:    1  1  1          1  1  1
                                   1

       59:60:61:62:63:64:65 66 67:68 69 70 71:72 73:74 75:76
```

Character = 2000
z

	0	1	2	3	4:	5	6	7:	8	9	10	11	12:	13	14	15	16:	17:	18	19	20	21	22:	23:	24	25:	26	27:	28
73:	66	1																											
71:	85	4																											
69:	88	5																											
67:	107	13																											
65:	125	21																											
63:	124	28																											
61:	143	44	1																										
59:	154	59	3																										
57:	146	67	6																										
55:	161	89	15																										
53:	161	100	23	1	1																								
51:	146	104	34	2	2																								
49:	154	119	51	7	6	3																							
47:	143	119	60	14	13	4																							
45:	124	111	69	19	18	8																							
43:	125	116	81	31	29	17	3	2	1																				
41:	107	102	78	40	39	17	7	6	2																				
39:	88	87	74	41	40	24	12	11	8	2	2																		
37:	85	84	75	51	50	29	22	21	14	8	6																		
35:	66	66	61	48	48	23	26	26	15	14	12	2	2	2															
33:	51	51	50	41	41	24	28	28	20	20	20	3	3	2		1		1											
31:	47	47	46	41	41	20	32	32	18	28	28	10	9	6	3	5	3	2			1								
29:	32	32	32	31	31	11	26	26	11	24	31	13	13	10	7	12	6	5	1		3								
27:	23	23	23	22	22	9	21	21	9	21	31	12	12	7	9	19	8	10		2	3	4	1	2		1		1	
25:	20	20	20	20	20	5	19	19	5	19	27	14	14	7	12	20	12	8	2	5	5	10	5	5	2	5		4	1
23:	11	11	11	11	11	1	11	11	1	11	19	10	10	5	10	18	10	8		5	7	11	5	6		8		7	4
21:	7	7	7	7	7	1	7	7	1	7	12	6	6	1	6	11	6	5		5	4	10	5	5		8		8	6
19:	6	6	6	6	6		6	6		6	7	6	6	1	6	7	6	1		5	6	6	5	1		6		6	5
17:	2	2	2	2	2		2	2		2	3	2	2		2	3	2	1		2	4	3	2	1		3		3	2
15:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1	1	1	1			1		1	1
13:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1	2	1	1			1		1	

	29	30:	31	32	33	34:	35	36:	37	38:	39	40	41	42	43	44:	45	46:	47	48	49	50	51	52:	53	54:	55	56:	57:	58
23:	2	2		1		1		1																						
21:	3	3	3	2	1	3	3	2	2	1																				
19:	5	5	3	5	3	5	3	5	3	3		2		2	2			2		1										
17:	2	2	1	4	2	2	2	4	2	2	1	2	1	4	3	2		3	2	1										
15:	1	1	1	1	1	1	1	1	1	1		1		1	2			2		1			1	1		2	1	1	2	
13:	1	1		2	1	1		2		1		1	1	2	2	2		2	1	1	1	2	2	2	1	2	1	2	1	

	59:	60:	61:	62:	63:	64:	65	66	67:	68	69	70	71:	72	73:	74	75:	76
15:			1		1													
13:	1	1						1	1	1	1		1				1	

Character - 840

```
                                     x
72:    23  1
70:    27  1
68:    27  2
66:    37  5
64:    35  6
62:    40 10
60:    44 15
58:    45 18  1
56:    43 22  2
54)-   50 29  6
52:    43 29  7
50:    45 34 14  2  1
48:    44 36 16  3  2  1
46:    40 35 21  7  4     1
44:    35 33 22  7  5  3  1
42:    37 35 27 14 10  3  4  1
40:    27 27 22 12 10  4  4  2
38:    27 27 25 17 14  6  8  5  2  1
36:    23 23 21 16 15  7  9  8  3  4  1  1
34:    18 18 18 16 15  5 11 10  4  6  3  2  1
32:    14 14 14 12 12  7 10 10  6  9  5  3  1
30:    14 14 14 14 14  4 12 12  4 11  8  7  6  2  3  2  1        1
28:     7  7  7  7  7  2  7  7  2  7  8  5  4  3  4  6  2  2     1  1  1
26:     8  8  8  8  8  2  8  8  2  8  9  6  6  1  5  6  3  1     4  1  5  2  1     1
24:     5  5  5  5  5     5  5     5  6  5  5  2  5  6  4  1     3  2  3  2        2  1        2  1     1
22:     3  3  3  3  3     3  3     3  5  3  3     3  5  3  2     3  2  5  3  2     4     2     2  1     2  1
20:     2  2  2  2  2     2  2     2  2  2  2     2  2  2        2  1  2  2        2     2  2  2  2  1  1  1  2  1  1     1     1
18:     2  2  2  2  2     2  2     2  2  2  2     2  2  2        2  2  2  2        2     2  1  2  2     2  2  2  1  2     2  1  2  2  2     2  1        1  1
16:
14:     1  1  1  1  1     1  1     1  1  1  1     1  1  1        1  1  1  1        1     1     1  1     1  1  1     1     1     1  1  1  1  1     1     1  1  1  1  1     1     1

        0  1  2  3  4: 5  6  7: 8  9 10 11 12:13 14 15 16:17:18 19 20 21 22:23:24 25:26 27:28 29 30:31 32 33 34:35 36:37 38:39 40 41 42 43 44:45 46:47 48 49 50 51 52:53 54:55 56:57:58

14:     1              1              1

       59:60:61:62:63:64:65 66 67:68 69 70 71:72 73:74
```

Character = 4536

z

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
75:	100	1																	
73:	119	2																	
71:	141	6																	
69:	161	12																	
67:	182	22																	
65:	202	36																	
63:	217	53																	
61:	232	74	1																
59:	242	98	5																
57:	248	121	12																
55)-	252	145	25																
53:	248	163	42	2	1														
51:	242	178	63	6	3														
						2													
49:	232	187	85	15	9														
						5													
47:	217	188	104	26	17		1												
						11													
45:	202	184	120	41	30		4												
						18													
43:	182	173	128	56	44		10	2											
						26			3										
41:	161	157	128	69	58		19	9											
						33			10										
39:	141	140	122	78	69		31	22		4	1								
						37			19										
37:	119	119	110	81	75		42	36		15	6	1							
						36			25										
35:	100	100	96	78	75		50	47		29	14	6	3	1					
						32			27										
33:	81	81	80	71	70		53	52		41	25	14	9	4	2	1			
						24			23										
31:	63	63	63	59	59		50	50		45	35	22	17	9	8	8	3	1	
						17			17										
29:	49	49	49	48	48		44	44		43	43	26	23	12	16	20	8	5	
						9			9										
27:	36	36	36	36	36		35	35		35	42	26	25	12	21	29	14	8	
						4			4										
25:	26	26	26	26	26		26	26		26	37	22	22	8	21	32	17	11	
						1			1										
23:	18	18	18	18	18		18	18		18	26	17	17	4	17	25	16	8	
21:	11	11	11	11	11		11	11		11	15	11	11	1	11	15	11	4	
19:	7	7	7	7	7		7	7		7	8	7	7		7	8	7	1	
17:	4	4	4	4	4		4	4		4	4	4	4		4	4	4		
15:	2	2	2	2	2		2	2		2	2	2	2		2	2	2		
13:	1	1	1	1	1		1	1		1	1	1	1		1	1	1		

	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38
31:	1	1																		
29:	4	2	3																	
27:	9	4	11	3	2		2													
								1												
25:	13	5	20	9	7		10		3		3	1		1						
								1		3			1							
23:	13	6	20	12	7		15		8		8	5		3	1	1				
										7			3				3			
21:	10	6	14	10	4		13		11		9	8		5	4	7		3		3
										7			3				6		2	
19:	7	5	8	7	1		8		8		7	7		5	6	7		5		6
										2			1				2		1	
17:	4	4	4	4			4		4		4	4		4	4	4		4		4
15:	2	2	2	2			2		2		2	2		2	2	2		2		2
13:	1	1	1	1			1		1		1	1		1	1	1		1		1

	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	5[illegible]
21:		1																		
	3																			
19:		6	3	4	2	2		1												
	1						1													
17:		4	3	4	3	3		2		1	2	2	2	1		1				
15:		2	2	2	3	2		2		1	2	2	3	2		2	1	2		
13:		1	1	1	1	1		1		1	1	1	1	1		1		1		

	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74
15:	1							1								
13:	1							1	1		1	1	1		1	

Character = 700

```
                XX

70:  21  1
68:  27  2
66:  26  3
64:  32  6
62:  34  9
60:  34 11
58:  37 16  1
56:  40 20  3
54)- 36 22  4
52:  40 27  8  1
50:  37 28 10  1
48:  34 28 14  3  1
                     1
46:  34 30 17  4  2
                     1
44:  32 29 20  8  5     1
                     3
42:  26 25 19  8  6     1
                     5        1
40:  27 26 22 13 10     4  2
                     5        2
38:  21 21 18 12 11     5  4     1
                     6        4
36:  18 18 17 13 12     7  6     3  1
                     7        5
34:  16 16 15 12 12     8  8     6  2  1  1  1
                     4        4
32:  13 13 13 12 12     9  9     7  4  3  3  2  1  1
                     4        4
30:   9  9  9  8  8     7  7     7  5  3  3  2  2  2
                     3        3
28:   9  9  9  9  9     8  8     8  7  5  5  2  3  3  1        1     1
                     1        1                                                    1
26:   5  5  5  5  5     5  5     5  6  4  4  3  4  5  2  1     1     1
                     1        1                                                    1
24:   4  4  4  4  4     4  4     4  6  3  3  1  3  5  2  2     2     4  1  2     2     1
                                                                                   1     1        1
22:   3  3  3  3  3     3  3     3  4  3  3  1  3  4  3  1     2     3  2  1     3     2     2  2        1  1
                                                                                         1        1           1
20:   2  2  2  2  2     2  2     2  3  2  2     2  3  2  1     2  1  3  2  1     3     2     2  2     1  2  1           1     1        1
                                                                                         1        1           1
18:   1  1  1  1  1     1  1     1  1  1  1     1  1  1        1     1  1        1     1     1  1        1  1           1     1        1
                                                                                                                                          1
16:   1  1  1  1  1     1  1     1  1  1  1     1  1  1        1  1  1  1        1     1     1  1     1  1  1     1     1     1  1  1  1  1                 1  1  1        1

      0   1   2   3  4: 5  6  7: 8  9 10 11 12:13 14 15 16:17:18 19 20 21 22:23:24 25:26 27:28 29 30:31 32 33 34:35 36:37 38:39 40 41 42 43 44:45 46:47 48 49 50 51 52:53 54:55 56:57:58

14:                                1        1

    59:60:61:62:63:64:65 66 67:68 69 70 71:72
```

Character = 6075
x

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
76:	131	1																		
74:	161	3																		
72:	187	8																		
70:	218	16																		
68:	243	29																		
66:	272	47																		
64:	292	70																		
62:	314	98	2																	
60:	325	120	6																	
58:	337	160	16																	
56)-	337	189	30																	
54:	337	216	53	2	1															
52:	325	234	77	6	4	1														
50:	314	247	107	16	11	3														
48:	292	248	130	28	22	9														
46:	272	244	153	47	38	16	2													
44:	243	228	161	63	55	28	6	2	1											
42:	218	210	166	83	74	37	17	10	5											
40:	187	184	156	92	86	48	29	23	14	4	2									
38:	161	160	145	101	96	51	45	40	25	14	8									
36:	131	131	123	95	93	52	54	52	34	29	18	3	2	2						
34:	108	108	105	90	89	45	62	61	37	44	33	10	8	5	1	1				
32:	83	83	82	74	74	36	59	59	33	51	46	19	16	12	6	8	3	2		
30:	65	65	65	62	62	25	54	54	25	51	56	26	24	15	13	20	8	7	1	1
28:	46	46	46	45	45	15	42	42	15	42	55	27	26	17	20	33	15	13	2	4
26:	34	34	34	34	34	8	33	33	8	33	49	25	25	12	22	38	19	16	2	10
24:	22	22	22	22	22	3	22	22	3	22	35	19	19	8	19	32	18	13	1	11
22:	15	15	15	15	15	1	15	15	1	15	23	14	14	3	14	22	14	8		11
20:	8	8	8	8	8		8	8		8	11	8	8	1	8	11	8	3		7
18:	5	5	5	5	5		5	5		5	6	5	5		5	6	5	1		5
16:	2	2	2	2	2		2	2		2	2	2	2		2	2	2			2
14:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1

	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
32:	1																			
30:	2	1																		
28:	4	6	1	2	1	1														
26:	6	19	7	9	2	8		4	1											
24:	7	21	10	10	1	14	1	9	5	4	3	1	1		1					
22:	8	19	11	8		16		13	9	8	7	4	4	2	5	3	2	1	1	
20:	6	10	7	3		10		10	9	7	7	5	5	4	7	6	5	3	4	1
18:	6	6	5	1		6		6	5	5	5	3	6	5	5	5	6	4	5	2
16:	3	2	2			2		2	1	2	2	1	3	2	2	1	3	1	2	
14:	2	1	1			1		1		1	1		2	1	1		2		1	

	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58
20:	3		2	2			1												
18:	5	2	6	4	2		3	1	1										
16:	2	1	3	4	2		3	1	1	1	2	3	2	1	2	2	1	1	
14:	1	1	2	2	2		2	1	1	1	2	2	2	1	2	1	2	1	

	59	60	61	62	63	64	65	66	67	68	69	70	71	72
14:	1	1						1	1	1	1		1	

```
Character = 2835
               x

74:   76   1
72:   87   3
70:  102   7
68:  112  12
66:  127  21
64:  134  31
62:  146  45   1
60:  149  58   2
58:  156  74   7
56)- 155  87  13
54:  156 101  25   1
52:  149 108  35   3   1
50:  146 116  51   8   3
                           2
48:  134 115  61  14   8
                           4
46:  127 115  74  24  15       2
                          10
44:  112 106  76  31  23       4
                          13           1
42:  102  99  80  42  33      11   4
                          20           5
40:   87  86  74  45  39      16  10       1
                          21          10
38:   76  76  70  51  46      25  20       7   2
                          23          15
36:   61  61  58  46  44      28  26      15   5   2   1   1
                          20          17
34:   52  52  51  45  44      33  32      24  11   7   5   2   1
                          16          15
32:   39  39  39  36  36      30  30      27  17  12   9   6   4   3   1
                          11          11
30:   32  32  32  31  31      28  28      27  23  16  14   7   9   9   3   1       2       1
                           6           6
28:   22  22  22  22  22      21  21      21  23  15  14   8  12  15   6   3       4       4
                           3           3                                                                       1
26:   17  17  17  17  17      17  17      17  22  14  14   5  13  18   9   5       8   1  11   4   3       4       1       1
                           1           1                                                                       2       1
24:   11  11  11  11  11      11  11      11  16  10  10   3  10  15   9   5       7   1  11   6   4       8       3       4   2
                                                                                                                       3           2               1
22:    8   8   8   8   8       8   8       8  11   8   8   1   8  11   8   3       7   2  10   7   3       9       6       6   5       1   3   3               1
                                                                                                                       4           2               3               1
20:    4   4   4   4   4       4   4       4   5   4   4       4   5   4   1       4   1   5   4   1       5       5       4   4       1   3   4       1       3       3   1       1
                                                                                                                       2           1               2       1       1
18:    3   3   3   3   3       3   3       3   3   3   3       3   3   3           3   2   3   3       3       3       3   3       2   3   3       2       3       3   2   2   2   1       1           1       1
16:    1   1   1   1   1       1   1       1   1   1   1       1   1   1           1   1   1   1       1       1       1   1       1   1   1       1       1       1   1   1   2   1       1           1   1   2   1       1   1   1
14:    1   1   1   1   1       1   1       1   1   1   1       1   1   1           1   1   1   1       1       1       1   1       1   1   1       1       1       1   1   1   1   1       1           1   1   1   1       1       1

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		2		1																														
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23:	11		7		6	5		1	2	2																								
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0 1 2 3 4: 5 6 7: 8 9 10 11 12:13 14 15 16:17:18 19 20 21 22:23:24 25:26 27:28 29 30:31 32 33 34:35 36:37 38:39 40 41 42 43 44:45 46:47 48 49 50 51 52:53 54:55 56:57:58

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Character = 2400
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Character = 5600

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						33			3																	
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						41			9																	
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						45			27																	
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						42			32																	
35:	98	98	95	79	78		52	51		34	27	6	4	2												
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						24			23																	
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76:																													
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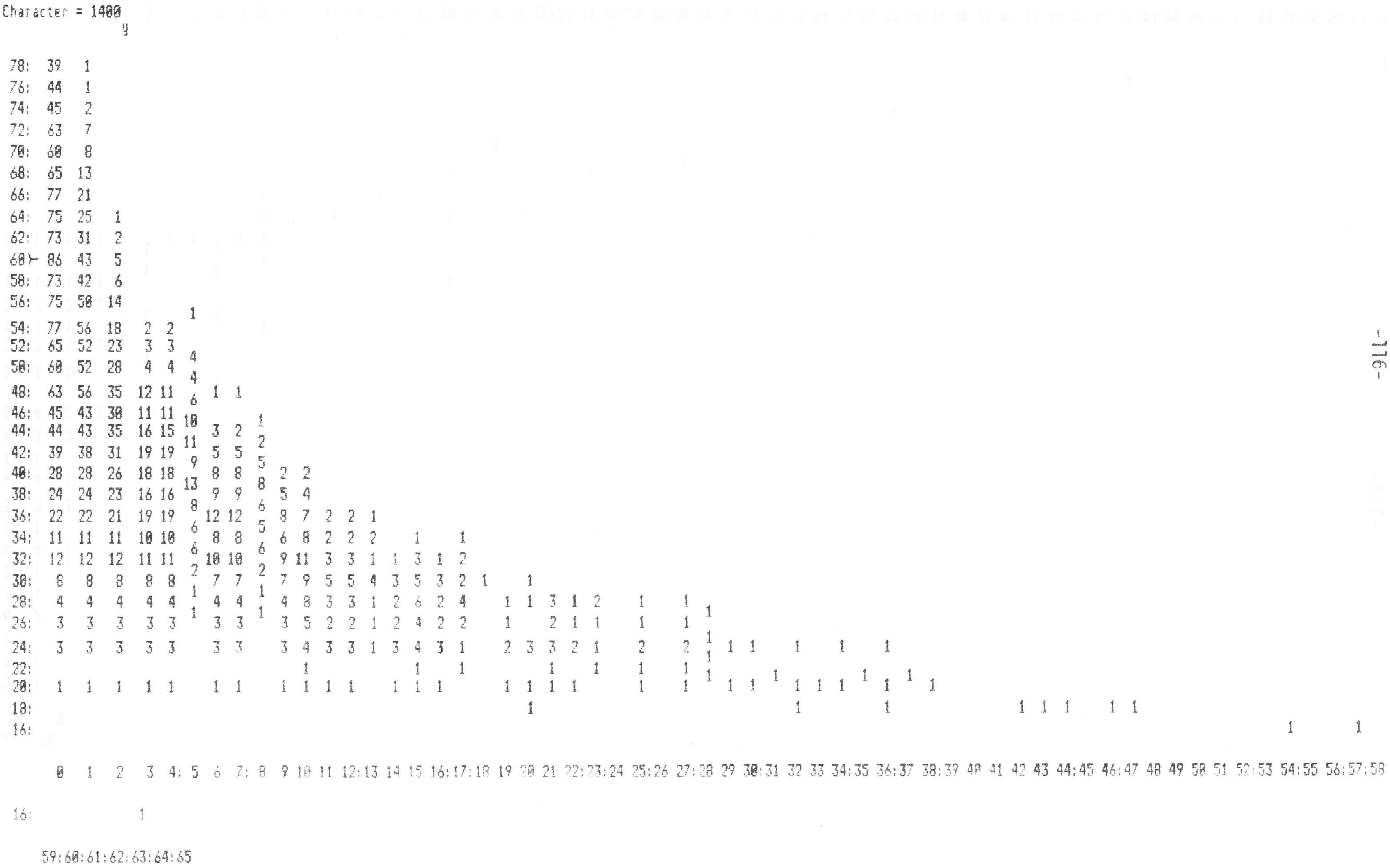
16:						1	



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74:	61	4																												
72:	68	7																												
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60)-	94	47	5																											
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56:	91	60	15			1																								
54:	88	64	22	2	2	1																								
52:	82	65	28	3	3	3																								
50:	75	64	34	7	7	5																								
48:	68	61	37	10	10	8																								
46:	61	57	40	15	15	11	1	1	1																					
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34:	17	17	17	15	15	9	11	11	8	9	12	2	2	2		1		1	1											
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26:	4	4	4	4	4	1	4	4	1	4	8	3	3	2	3	7	3	4	1	1	2	3	1	2	1	1		1	1	
24:	2	2	2	2	2		2	2		2	4	2	2	1	2	4	2	2	1	1	2	3	1	2	1	2		2	2	
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76:	141	4																												
74:	156	8																												
72:	188	18																												
70:	202	27																												
68:	212	41																												
66:	243	65	1																											
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54:	243	178	61	5	3																									
						2																								
52:	212	171	74	11	9																									
						7																								
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						14																								
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46:	156	148	107	42	38		4	2																						
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44:	141	137	110	52	47		10	6																						
						31			7																					
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40:	93	93	85	59	57		25	23		6	4																			
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22:	2		1	1	2		1		1																				
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Character = 5670

y

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72:	222	19																			
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66:	283	73																			
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						5															
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50:	254	218	116	26	21																
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						31			3												
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16:																					1

y	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58
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y	59	60	61	62	63	64	65
16:		1					

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 74: 160   8
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 54: 223 166  56   4  2
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                         4
 50: 197 171  92  21 15
                         8
 48: 179 164 107  33 23     2
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 46: 160 152 110  44 36     5  1
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 44: 141 137 111  59 49    14  6
                        30        7
 42: 114 113  98  58 52    19 13     1
                        31       14
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                        30       19
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                         4        4
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       0   1   2   3  4: 5  6  7: 8  9 10 11 12:13 14 15 16:17:18 19 20 21 22:23:24 25:26 27:28 29 30:31 32 33 34:35 36:37 38:39 40 41 42 43 44:45 46:47 48 49 50 51 52:53 54:55 56:57:58

 16:  1

    59:60:61:62:63:64:65
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Character = 448
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75:	12																												
73:	17	2																											
71:	23	3																											
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67:	24	6																											
65:	27	9																											
63:	20	7																											
61:	28	14	2																										
59:	28	14	2																										
57:	20	13	3																										
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55:	27	18	6																										
						1																							
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						1																							
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45:	12	12	9	2	2																								
						6			2																				
43:	16	15	12	6	6		1	1																					
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37:	9	9	8	6	6		3	3		2	2																		
						2			2																				
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						2			2																				
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	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58
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									1																					
19:				1				1						1					1											
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Character = 5600

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75:	180	6																			
73:	213	16																			
71:	245	28																			
69:	251	40																			
67:	282	65																			
65:	302	90	1																		
63:	295	110	4																		
61:	316	146	12																		
59:	316	170	22																		
57:	295	185	39																		
						1															
55:	302	212	64	4	2																
						2															
53:	282	217	83	10	7																
						5															
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						14															
49:	245	217	128	33	25		1														
						18															
47:	213	197	132	48	41		3	1													
						28			2												
45:	180	174	134	57	50		8	3													
						40			7												
43:	167	163	135	74	66		19	12		1											
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41:	133	132	116	77	73		28	24		4	2										
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17:																					1

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								3			1																											
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19:	2	2			2		2		2	2		3	2	2		3		2		2	1	3	2	1		1	1											
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Character = 7168
W

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77:	203	3																		
75:	240	9																		
73:	273	18																		
71:	300	32																		
69:	334	54																		
67:	356	79																		
65:	372	110	1																	
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61:	394	180	13																	
59:	394	214	29																	
57:	392	245	51	1																
55:	372	262	77	4	2															
53:	356	277	110	13	7	1														
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47:	273	255	176	63	47	20	6													
45:	240	231	177	81	65	32	14	4	1											
43:	203	200	168	94	82	40	26	15	6											
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39:	142	142	133	101	95	51	53	47	27	19	7	1								
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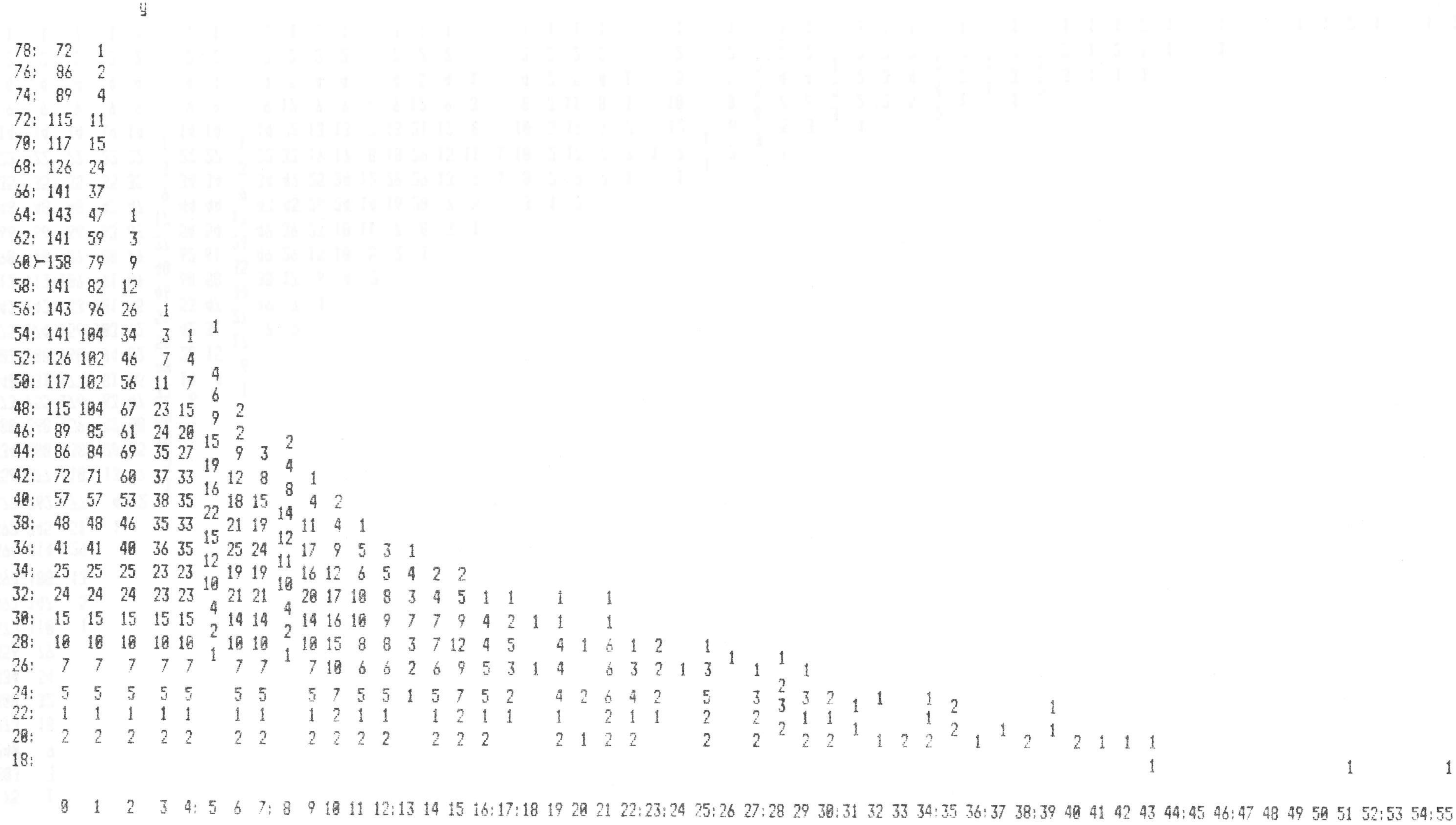
Character = 2688



Character = 4200

y

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70:	187	24																																																						
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66:	217	56																																																						
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60)-	232	116	11																																																					
58:	229	134	23																																																					
56:	221	148	37	1																																																			
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28:	16	16	16	16	16	3	16	16	3	16	21	13	13	6	12	17	7	5		6	1	8	2	2		2	1																													
26:	12	12	12	12	12	1	12	12	1	12	17	11	11	3	11	16	9	5		8	2	12	6	4		7	1	2		3	1		1																							
24:	6	6	6	6	6		6	6		6	9	6	6	1	6	9	6	3		5	1	8	5	3		7	1	4	2	4	3	1	1	1	1																					
22:	4	4	4	4	4		4	4		4	5	4	4		4	5	4	1		4	2	5	4	1		5		4	3	4	4	2	2	3	3	2	1		2		1															
20:	2	2	2	2	2		2	2		2	2	2	2		2	2	2			2	1	2	2			2		2	2	2	2	1	1	2	2	2	1		2	1	2	1	1	1	1											
18:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1	1	1	1			1		1		1	1		1	1	1		1		1		1	1	1	1	1	1				1	1	1			1	
	0	1	2	3	4;	5	6	7:	8	9	10	11	12:	13	14	15	16:	17:	18	19	20	21	22:	23:	24	25:	26	27:	28	29	30:	31	32	33	34:	35	36:	37	38:	39	40	41	42	43	44:	45	46:	47	48	49	50	51	52:	53	54:	55

Character = 1134

y

	0	1	2	3	4:	5	6	7:	8	9	10	11	12:	13	14	15	16:	17:
78:	33	1																
76:	37	1																
74:	33	1																
72:	53	6																
70:	49	6																
68:	49	9																
66:	66	18																
64:	59	19																
62:	56	24	1															
60)-	74	37	5															
58:	56	32	4															
56:	59	40	12															
						1												
54:	66	48	16	2	1													
52:	49	40	17	3	2													
						3												
50:	49	43	24	4	3													
						4												
48:	53	47	29	10	7		1											
						3												
46:	33	32	23	9	9													
						9			2									
44:	37	36	30	13	10		3	1										
						9			2									
42:	33	32	26	17	16		5	4		1								
						5			3									
40:	21	21	20	14	13		6	5		1	1							
						13			8									
38:	21	21	20	14	13		8	7		5	2							
						5			4									
36:	18	18	17	16	16		10	10		6	4	2	1	1				
						5			5									
34:	8	8	8	7	7		6	6		5	6	1	1	2	1	1		
						6			6									
32:	11	11	11	10	10		9	9		9	8	3	2			1		1
						1			1									
30:	7	7	7	7	7		6	6		6	8	5	5	5	4	5	3	1
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						1			1									
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20:	1	1	1	1	1		1	1		1	1	1	1		1	1	1	
18:																		

	18	19	20	21	22:	23:	24	25:	26	27:	28	29	30:	31	32	33	34:	35	36:	37	38:	39	40	41	42	43	44:	45	46:	47	48	49	50	51	52:	53
30:	2		1				1																													
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														1																						
26:	1	1		2	1	1	1	1																												
											1																									
24:		1	2	2	1	1		2		1	1	1	1	1	1			1																		
22:				1		1		1		1																										
											1			1				1		1																
20:		1	1	1	1			1		1		1	1		1	1	1		1		1		1		1											
18:			1												1				1						1		1			1			1			1

0 1 2 3 4: 5 6 7: 8 9 10 11 12:13 14 15 16:17:18 19 20 21 22:23:24 25:26 27:28 29 30:31 32 33 34:35 36:37 38:39 40 41 42 43 44:45 46:47 48 49 50 51 52:53

Character = 3150

y

78:	85	1																																																				
76:	98	2																																																				
74:	109	5																																																				
72:	130	11																																																				
70:	137	17																																																				
68:	150	28																																																				
66:	163	42																																																				
64:	167	55	1																																																			
62:	169	70	3																																																			
60)-	178	89	9																																																			
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56:	167	112	29	1																																																		
54:	163	121	41	4	2																																																	
52:	150	122	55	9	4																																																	
						3																																																	
50:	137	120	66	14	8																																																	
						5																																																	
48:	130	119	77	26	17		2																																															
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46:	109	104	76	31	23		4																																															
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44:	98	96	79	40	31		10	3																																														
						19			4																																													
42:	85	84	73	46	40		16	10		1																																												
						20			9																																													
40:	68	68	63	46	41		22	17		5	1																																											
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						18			15																																													
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						14			13																																													
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						10			10																																													
32:	26	26	26	25	25		23	23		22	18	12	10	5	6	6	2	1		1																																		
						5			5																																													
30:	19	19	19	19	19		18	18		18	18	13	12	7	10	11	5	2		3	1	2																																
						2			2																																													
28:	12	12	12	12	12		12	12		12	16	10	10	4	9	13	6	4		5	1	7	2	2		2																												
						1			1																		1																											
26:	8	8	8	8	8		8	8		8	12	7	7	2	7	11	6	4		5		8	4	3		5		1		2	1																							
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24:	6	6	6	6	6		6	6		6	8	6	6	1	6	8	6	2		5	2	7	5	2		6		3		4	3		1	1	1																			
																													2			1				1																		
22:	2	2	2	2	2		2	2		2	3	2	2		2	3	2	1		2		3	2	1		3		3		2	2			1	2				1		1													
																													2			1				2		1		1														
20:	2	2	2	2	2		2	2		2	2	2	2		2	2	2			2	1	2	2			2		2		2	2		1	2	2		1		2		2	1	1											
18:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1	1	1	1			1		1		1	1		1	1	1		1		1		1	1	1	1	1		1			1	1	1	1	
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Character = 2016

77:	61	1																																																		
75:	64	1																																																		
73:	76	5																																																		
71:	88	9																																																		
69:	89	13																																																		
67:	100	22																																																		
65:	107	31																																																		
63:	104	38	1																																																	
61:	112	52	4																																																	
59:	112	60	7																																																	
57:	104	66	14																																																	
55:	107	76	23	2																																															
53:	100	78	30	4	1																																														
51:	89	76	39	7	3																																														
						2																																													
49:	88	79	48	14	6		1																																												
						3																																													
47:	76	71	49	19	12		2																																												
						6																																													
45:	64	63	50	23	16		5																																												
						11			1																																										
43:	61	60	51	30	22		10	3																																											
						11			3																																										
41:	48	48	43	30	26		13	9		1																																									
						13			8																																										
39:	39	39	38	29	26		17	14		6	1																																								
						14			10																																										
37:	35	35	34	29	27		20	18		13	3	3	1																																						
						9			8																																										
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						8			8																																										
33:	19	19	19	18	18		17	17		16	9	8	6	3	4	2				1																																
						5			5																																										
31:	16	16	16	16	16		15	15		15	11	10	8	4	6	5	2			2		1																														
						1			1																																										
29:	9	9	9	9	9		9	9		9	10	8	8	4	7	8	3	1		3		3																														
						1			1																		1																									
27:	7	7	7	7	7		7	7		7	9	6	6	1	6	8	3	2		5		6	2	1		2				1																						
																											1																									
25:	5	5	5	5	5		5	5		5	6	5	5	1	5	6	5	1		4		5	4	1		4		1		3	1																					
																													1																							
23:	2	2	2	2	2		2	2		2	3	2	2		2	3	2	1		2		3	2	1		3		2		2	2			1	1																	
																													2			1				2				1												
21:	2	2	2	2	2		2	2		2	2	2	2		2	2	2			2		2	2			2		2		2	2			2	2				2		2	1										
19:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1		1	1			1		1		1	1			1	1				1		1	1		1						1		1
	0	1	2	3	4:	5	6	7:	8	9	10	11	12:	13	14	15	16:	17:	18	19	20	21	22:	23:	24	25:	26	27:	28	29	30:	31	32	33	34:	35	36:	37	38:	39	40	41	42	43	44:	45	46:	47	48	49	50	51

Character = 1344

w

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77:	42	1																																																	
75:	40																																																		
73:	52	4																																																	
71:	60	6																																																	
69:	57	8																																																	
67:	68	15																																																	
65:	72	21																																																	
63:	67	24																																																	
61:	76	36	3																																																
59:	76	40	5																																																
57:	67	43	9																																																
55:	72	51	16	1																																															
53:	68	53	20	3	1																																														
51:	57	49	25	5	2																																														
						2																																													
49:	60	54	33	9	4		1																																												
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47:	52	48	33	14	9		2																																												
						4																																													
45:	40	40	32	14	9		3																																												
						8			1																																										
43:	42	41	35	20	15		7	3																																											
						6			1																																										
41:	33	33	29	21	18		9	6		1																																									
						9			5																																										
39:	24	24	24	18	16		10	8		3																																									
						10			7																																										
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						6			6																																										
33:	11	11	11	10	10		10	10		10	6	4	3	1	1	1																																			
						4			4																																										
31:	12	12	12	12	12		11	11		11	8	7	6	3	4	3	1			1																															
29:	6	6	6	6	6		6	6		6	7	6	6	4	6	7	3	1		2	1	2																													
						1			1																		1																								
27:	4	4	4	4	4		4	4		4	6	3	3		3	5	1	2		3		5	1	2		2																									
																											1					1																			
25:	4	4	4	4	4		4	4		4	4	4	4	1	4	4	4			3	1	3	3			3				3	2		1	1																	
23:	1	1	1	1	1		1	1		1	2	1	1		1	2	1	1		1	1	2	1	1		2		1		1	1		1	1																	
																													1			1				1															
21:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1		1	1			1		1		1	1			1	1				1		1										
																																														1					
19:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1	1	1	1			1		1		1	1		1	1	1		1		1		1	1	1		1					1	1

Character = 420

y

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72:	20	2																																																
70:	18	2																																																
68:	16	3																																																
66:	23	6																																																
64:	22	7																																																
62:	19	8																																																
60)-	28	14	2																																															
58:	19	11	1																																															
56:	22	15	5																																															
54:	23	17	5	1																																														
52:	18	15	7	1																																														
50:	18	16	9	2	1																																													
48:	20	18	12	5	1		1																																											
46:	11	11	8	3	3																																													
						1																																												
44:	15	15	13	7	3		3																																											
						3																																												
42:	11	11	9	6	5		2	1																																										
40:	9	9	9	7	6		4	3																																										
						5			3																																									
38:	8	8	8	6	5		4	3		3																																								
						1			1																																									
36:	7	7	7	7	7		5	5		3		2	1																																					
						2			2																																									
34:	3	3	3	3	3		3	3		3	1	1	1	1	1																																			
						2			2																																									
32:	5	5	5	5	5		5	5		5	2	3	2		1					1																														
30:	2	2	2	2	2		2	2		2	2	2	2	2	2	2	1																																	
28:	2	2	2	2	2		2	2		2	2	2	2		2	2				2		2																												
																											1																							
26:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1		1	1			1				1																				
24:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1		1	1			1				1	1			1																
22:																																																		
20:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1		1	1			1		1		1	1			1	1				1		1	1								1

Character = 2100

y	0	1	2	3	4:	5	6	7:	8	9	10	11	12:	13	14	15	16:	17:
78:	56	1																
76:	66	2																
74:	72	4																
72:	88	9																
70:	93	13																
68:	100	20																
66:	111	30																
64:	113	38	1															
62:	114	48	3															
60≻	122	61	7															
58:	114	66	11															
56:	113	75	20	1	1													
54:	111	81	27	2	2	1												
52:	100	80	35	5	5	1												
50:	93	80	43	8	8	4												
48:	88	79	49	15	14	7												
46:	72	68	48	18	18	9	1	1										
44:	66	64	51	24	23	14	4	3	2									
42:	56	55	46	27	27	16	7	7	4	1	1							
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38:	37	37	35	26	26	17	14	14	11	7	6							
36:	30	30	29	25	25	13	16	16	10	11	10	2	2	1				
34:	20	20	20	18	18	10	14	14	9	11	13	3	3	3	1	2	1	1
32:	17	17	17	16	16	8	14	14	8	13	15	5	5	3	2	4	2	2
30:	11	11	11	11	11	4	10	10	4	10	14	6	6	5	4	7	4	3
28:	7	7	7	7	7	2	7	7	2	7	12	5	5	3	4	9	4	5
26:	5	5	5	5	5	1	5	5	1	5	8	4	4	2	4	7	4	3
24:	3	3	3	3	3		3	3		3	5	3	3	1	3	5	3	2
22:	1	1	1	1	1		1	1		1	2	1	1		1	2	1	1
20:	1	1	1	1	1		1	1		1	1	1	1		1	1	1	

y	18	19	20	21	22:	23:	24	25:	26	27:	28	29	30:	31	32	33	34:	35	36:	37	38:	39	40	41	42	43	44:	45	46:	47	48
34:			1																												
32:			1																												
30:	1		2																												
28:		1	2	3	1	2		1		1																					
26:	1	2	2	4	2	2	1	2		2	1																				
24:		2	2	4	2	2		3		3	2	1	1		1		1		1												
22:		1	1	2	1	1		2		2	2	1	1	1	1		1	1	1	1											
20:		1	1	1	1			1		1	1	1	1	1	1	1	1	1	1	1	1		1		1	1			1		1

Character = 2400_z′

	0	1	2	3	4:	5	6	7:	8	9	10	11	12:	13	14	15	16:	17:	18	19
81:	66	1																		
79:	75	2																		
77:	81	3																		
75:	102	9																		
73:	107	12																		
71:	112	19																		
69:	131	31																		
67:	128	38																		
65:	130	49	2																	
63)-	142	65	5																	
61:	130	69	8																	
59:	128	80	17																	
						1														
57:	131	90	25	1	1															
						1														
55:	112	86	31	3	3															
						4														
53:	107	89	43	5	5															
						7														
51:	102	89	49	12	11															
						8														
49:	81	75	49	15	15															
						15			1											
47:	75	72	54	20	19		2	1												
						16			2											
45:	66	64	51	27	26		5	4												
						16			5											
43:	48	48	42	25	25		7	7		1	1									
						20			10											
41:	43	43	40	27	26		12	11		4	3									
						15			9											
39:	34	34	32	26	26		14	14		7	6	1								
						12			10											
37:	22	22	22	19	19		13	13		8	10	1	1	1						
						11			10											
35:	19	19	19	17	17		14	14		12	13	3	2	1		1		1		
						5			5											
33:	13	13	13	13	13		11	11		10	14	5	5	4	2	4	2	2	2	
						3			3											
31:	7	7	7	7	7		7	7		7	13	4	4	3	2	7	2	5	1	
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23:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1
21:																				

	20	21	22:	23:	24	25:	26	27:	28	29	30:	31	32	33	34:	35	36:	37	38:	39	40	41	42	43	44:	45	46:	47
33:	1																											
31:	1	1		1																								
29:	1	2	1	1	1																							
									1																			
27:	2	3	1	2	1	1		1																				
									2																			
25:	1	3	1	2		2		2																				
									2			1				1		1										
23:	1	1	1			1		1		1	1		1		1		1											
									1							1		1		1								
21:	1												1				1						1					1

Character = 5600 $_z$'

81:	148	1																																													
79:	173	3																																													
77:	199	8																																													
75:	227	16																																													
73:	249	28																																													
71:	270	44																																													
69:	290	66																																													
67:	301	89	1																																												
65:	309	116	4																																												
63)-	314	143	10																																												
61:	309	167	21																																												
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57:	290	203	57	3	2																																										
						1																																										
55:	270	208	78	7	5																																										
						4																																										
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						9																																										
51:	227	201	115	27	22																																										
						16																																										
49:	199	185	123	39	33		1																																								
						25			1																																						
47:	173	166	125	51	45		5	2																																							
						32			4																																						
45:	148	145	119	62	57		12	8																																							
						37			11																																						
43:	121	120	106	66	62		21	17		2	1																																				
						39			19																																						
41:	98	98	91	65	63		30	28		9	5																																				
						35			24																																						
39:	78	78	75	61	60		36	35		18	11	1	1	1																																	
						29			24																																						
37:	58	58	57	50	50		36	36		26	18	5	4	3																																	
						21			20																																						
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						13			13																																						
33:	31	31	31	30	30		27	27		26	28	13	12	9	6	9	4	3			1																										
						7			7																																						
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						3			3																																						
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27:	8	8	8	8	8		8	8		8	14	7	7	3	7	13	7	6	1	4	2	9	4	5	1	5		3																			
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25:	4	4	4	4	4		4	4		4	7	4	4	1	4	7	4	3		3	1	6	3	3		5		4		2	2				1													
																													3			2				2		1										
23:	2	2	2	2	2		2	2		2	3	2	2		2	3	2	1		2	1	3	2	1		3		3		2	2		1	1	2		1		1									
																													1			1				1		1										
21:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1	1	1	1			1		1		1	1		1	1	1		1		1		1		1	1			1	
	0	1	2	3	4:	5	6	7:	8	9	10	11	12:	13	14	15	16:	17:	18	19	20	21	22:	23:	24	25:	26	27:	28	29	30:	31	32	33	34:	35	36:	37	38:	39	40	41	42	43	44:	45	46:	47

Character = 168

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72:	9	1																																												
70:	7	1																																												
68:	7	1																																												
66:	9	2																																												
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62:	7	3																																												
60)-	12	6	1																																											
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56:	9	6	2																																											
54:	9	7	2																																											
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50:	7	6	3																																											
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46:	4	4	3	1	1																																									
44:	6	6	5	3	1	1	1																																							
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34:	1	1	1	1	1	1	1	1	1	1																																				
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28:	1	1	1	1	1		1	1		1	1	1	1		1	1				1		1																								
26:																											1																			
24:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1	1	1	1			1				1	1		1	1												
22:																																														1

0 1 2 3 4: 5 6 7: 8 9 10 11 12:13 14 15 16:17:18 19 20 21 22:23:24 25:26 27:28 29 30:31 32 33 34:35 36:37 38:39 40 41 42 43 44:45

Character = 4200′ z

81:	114	1																																												
79:	130	2																																												
77:	146	5																																												
75:	173	12																																												
73:	185	19																																												
71:	198	31																																												
69:	220	49																																												
67:	222	64																																												
65:	227	84	2																																											
63)-	238	108	7																																											
61:	227	122	14																																											
59:	222	139	27																																											
57:	220	154	43	2	1																																									
55:	198	154	58	6	3																																									
						2																																								
53:	185	156	76	12	7																																									
						5																																								
51:	173	154	89	23	15		1																																							
						8																																								
49:	146	137	93	32	23		3																																							
						16																																								
47:	130	126	97	41	31		7	1																																						
						20			1																																					
45:	114	112	93	52	43		14	6																																						
						22			5																																					
43:	89	89	80	52	45		20	13		1																																				
						28			13																																					
41:	75	75	71	52	47		27	22		7	2																																			
						23			15																																					
39:	61	61	59	50	48		32	30		16	6	3	1																																	
						19			16																																					
37:	43	43	43	39	38		30	29		21	11	6	3	1																																
						16			15																																					
35:	34	34	34	32	32		28	28		25	16	10	6	2	1	1																														
						8			8																																					
33:	25	25	25	25	25		23	23		22	19	14	12	7	7	7	3	1		1	1																									
						4			4																																					
31:	15	15	15	15	15		15	15		15	18	11	10	5	8	12	4	4		3	1	3																								
						2			2																																					
29:	11	11	11	11	11		11	11		11	15	9	9	3	8	12	6	4		5	1	7	3	2		2																				
27:	7	7	7	7	7		7	7		7	10	7	7	2	7	10	6	3		5	2	7	4	2		4		1		2	1		1													
																													1																	
25:	3	3	3	3	3		3	3		3	5	3	3		3	5	3	2		3	1	5	3	2		4		2		2	1		1													
																													2			1				1										
23:	2	2	2	2	2		2	2		2	2	2	2		2	2	2			2	1	2	2			2		2		2	2		1	1	2		1		1							
																													1							1				1						
21:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1	1	1	1			1		1		1	1		1	1	1		1		1		1	1	1		1	
	0	1	2	3	4:	5	6	7:	8	9	10	11	12:	13	14	15	16:	17:	18	19	20	21	22:	23:	24	25:	26	27:	28	29	30:	31	32	33	34:	35	36:	37	38:	39	40	41	42	43	44:	45

Character = 3200 ′ x

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43
80:	95	1																																										
78:	104	2																																										
76:	121	6																																										
74:	139	12																																										
72:	144	18																																										
70:	160	31																																										
68:	171	44																																										
66:	169	56	1																																									
64:	179	75	4																																									
62:	179	89	8																																									
60:	169	99	16																																									
58:	171	114	28	1																																								
56:	160	118	38	3	1																																							
54:	144	117	51	6	3																																							
						3																																						
52:	139	120	64	13	7																																							
						5																																						
50:	121	110	68	20	14																																							
						9																																						
48:	104	99	72	26	20		2																																					
						16			1																																			
46:	95	92	73	35	28		6	2																																				
						17			3																																			
44:	76	75	64	38	34		10	7																																				
						21			9																																			
42:	62	62	57	38	35		16	13		3	1																																	
						22			13																																			
40:	53	53	50	39	37		21	19		9	3																																	
						17			13																																			
38:	38	38	37	32	32		21	21		13	6	2	2	2																														
						15			14																																			
36:	29	29	29	26	26		21	21		17	10	4	4	3	1	1																												
						10			10																																			
34:	23	23	23	22	22		19	19		18	13	8	7	5	3	3	1																											
						5			5																																			
32:	14	14	14	14	14		13	13		13	14	8	8	6	5	6	2	1																										
						3			3																																			
30:	10	10	10	10	10		10	10		10	13	7	7	4	6	9	3	3		2		2																						
						1			1																		1																	
28:	7	7	7	7	7		7	7		7	10	6	6	3	6	9	5	3	1	3		5	2	2	1	2		1																
																											1		1															
26:	3	3	3	3	3		3	3		3	6	3	3	1	3	6	3	3		2		5	2	3		4		2		1	1													
																													2			2				1								
24:	2	2	2	2	2		2	2		2	3	2	2		2	3	2	1		2		3	2	1		3		2		2	2			1	1									
																													1			1				1								
22:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1		1	1			1		1		1	1			1	1				1		1			1

Character = 6075 ′
x

	0	1	2	3	4:	5	6	7:	8	9	10	11	12:	13	14	15	16:	17:	18	19	20	21	22:	23:	24	25:	26	27:	28	29	30:	31	32	33	34:	35	36:	37	38:	39	40	41	42
82:	161	1																																									
80:	187	3																																									
78:	218	8																																									
76:	243	15																																									
74:	272	28																																									
72:	292	44																																									
70:	314	67																																									
68:	325	91																																									
66:	337	121	3																																								
64)-	337	148	8																																								
62:	337	177	20																																								
60:	325	197	34																																								
58:	314	216	57	2	1																																						
						1																																					
56:	292	222	78	6	4																																						
						3																																					
54:	272	225	103	15	10																																						
						8																																					
52:	243	214	118	25	19																																						
						14																																					
50:	218	202	132	40	31		2																																				
						23																																					
48:	187	179	132	52	44		5	1																																			
						30			2																																		
46:	161	158	129	65	56		13	6																																			
						37			8																																		
44:	131	130	114	69	63		21	15		1																																	
						38			16																																		
42:	108	108	100	71	66		32	27		7	3																																
						37			23																																		
40:	83	83	80	64	62		37	35		16	8	1																															
						30			24																																		
38:	65	65	64	56	55		40	39		26	16	5	3	1																													
						23			21																																		
36:	46	46	46	43	43		35	35		29	22	9	6	4	1	1																											
						14			14																																		
34:	34	34	34	33	33		30	30		28	27	14	12	7	5	7	3	2			1																						
						8			8																																		
32:	22	22	22	22	22		21	21		21	26	13	12	8	8	13	5	5	1	1	1	1																					
						3			3																																		
30:	15	15	15	15	15		15	15		15	22	12	12	6	10	17	8	7	1	4	2	6	2	2		1																	
						1			1																																		
28:	8	8	8	8	8		8	8		8	14	7	7	3	7	13	6	6	1	4	1	8	3	4	1	3		1															
																													2														
26:	5	5	5	5	5		5	5		5	8	5	5	1	5	8	5	3		4	2	7	4	3		5		3		2	1		1										
																													3			1				1							
24:	2	2	2	2	2		2	2		2	3	2	2		2	3	2	1		2	1	3	2	1		3		3		2	2		1		2		1						
																													2			1				2		1		1			
22:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1	1	1	1			1		1		1	1		1	1	1		1		1		1		1

Character = 2835$'_{x}$

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80:	87	1																																								
78:	102	3																																								
76:	112	6																																								
74:	127	12																																								
72:	134	19																																								
70:	146	30																																								
68:	149	41																																								
66:	156	55	1																																							
64>	155	68	3																																							
62:	156	82	9																																							
60:	149	91	15																																							
58:	146	101	27	1																																						
56:	134	103	36	3	1																																					
54:	127	106	50	8	3																																					
						2																																				
52:	112	100	56	13	7																																					
						3																																				
50:	102	95	64	21	12		2																																				
						8																																				
48:	87	84	63	26	18		4																																				
						10																																				
46:	76	75	63	34	25		9	2																																			
						15			2																																		
44:	61	61	54	34	28		12	6																																			
						15			6																																		
42:	52	52	49	37	32		19	14		3																																		
						16			10																																		
40:	39	39	38	31	29		20	18		9	2	1																																
						13			11																																		
38:	32	32	32	29	28		22	21		15	5	4	2																													
						10			9																																		
36:	22	22	22	21	21		18	18		16	7	7	4	2	1																											
						6			6																																		
34:	17	17	17	17	17		16	16		15	10	9	7	3	4	3	1			1																					
						3			3																																		
32:	11	11	11	11	11		11	11		11	10	8	7	4	6	6	2	1		2		1																			
						1			1																																		
30:	8	8	8	8	8		8	8		8	9	7	7	2	6	7	3	1		4		4	1																		
																												1															
28:	4	4	4	4	4		4	4		4	6	4	4	1	4	6	3	2		3		4	2	1		2				1												
26:	3	3	3	3	3		3	3		3	4	3	3		3	4	3	1		3		4	3	1		3		1		2	1											
																														1													
24:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1		1	1			1		1		1	1				1							
																														1							1				1		
22:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1		1	1			1		1		1	1			1	1				1		1	1

Character = 4536 $'_z$

81:	141	1																																							
79:	161	4																																							
77:	182	9																																							
75:	202	18																																							
73:	217	29																																							
71:	232	45																																							
69:	242	64																																							
67:	248	85	1																																						
65)-	252	107	5																																						
63:	248	127	12																																						
61:	242	144	23																																						
59:	232	158	38	1																																					
57:	217	164	55	4	1																																				
55:	202	166	73	10	4																																				
						2																																			
53:	182	160	87	18	9																																				
						5																																			
51:	161	149	96	28	17		1																																		
						11																																			
49:	141	135	99	38	26		4																																		
						17																																			
47:	119	117	95	47	36		9	2																																	
						22			3																																
45:	100	99	87	52	43		16	8																																	
						26			9																																
43:	81	81	75	53	47		23	17		3																															
						25			15																																
41:	63	63	61	49	46		28	25		10	2																														
						23			18																																
39:	49	49	48	42	41		30	29		19	6	3	2	1																											
						17			16																																
37:	36	36	36	34	34		28	28		23	10	7	5	3	1																										
						11			11																																
35:	26	26	26	25	25		23	23		22	14	11	9	6	4	3	1																								
						6			6																																
33:	18	18	18	18	18		17	17		17	15	11	10	6	7	7	2	1		1																					
						2			2																																
31:	11	11	11	11	11		11	11		11	13	9	9	5	8	10	4	2		3		3																			
						1			1																		1														
29:	7	7	7	7	7		7	7		7	10	6	6	2	6	9	4	3		4		6	2	2		2															
																											1														
27:	4	4	4	4	4		4	4		4	6	4	4	1	4	6	4	2		3		5	3	2		4		1		2	1										
																													1			1									
25:	2	2	2	2	2		2	2		2	3	2	2		2	3	2	1		2		3	2	1		3		2		2	2			1	1						
																													1			1				1					
23:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1		1	1			1		1		1	1			1	1				1		1
	0	1	2	3	4:	5	6	7:	8	9	10	11	12:	13	14	15	16:	17:	18	19	20	21	22:	23:	24	25:	26	27:	28	29	30:	31	32	33	34:	35	36:	37	38:	39	40

Character = 3360 ′
z

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
83:	101	1																																						
81:	108	1																																						
79:	127	5																																						
77:	148	10																																						
75:	150	15																																						
73:	169	27																																						
71:	182	40																																						
69:	176	50																																						
67:	190	71	2																																					
65:	190	85	4																																					
63:	176	95	10																																					
61:	182	113	21																																					
59:	169	118	30	1																																				
57:	150	117	43	3	2	2																																		
55:	148	124	58	8	4	3																																		
53:	127	113	63	15	10	6																																		
51:	108	102	69	20	15	13	1																																	
49:	101	97	73	30	22	13	4																																	
47:	79	78	64	34	29	18	7	3	4																															
45:	64	64	58	35	30	21	12	7	8																															
43:	56	56	52	38	34	15	18	14	9	4	1																													
41:	39	39	38	32	31	16	19	18	13	7	3	1																												
39:	30	30	30	26	25	11	20	19	10	13	6	2	1																											
37:	24	24	24	23	23	5	19	19	5	16	9	6	3	1																										
35:	14	14	14	14	14	4	13	13	4	12	11	7	6	4	3	3	1																							
33:	10	10	10	10	10	1	10	10	1	10	11	6	5	2	3	5	1	2		1		1																		
31:	7	7	7	7	7		7	7		7	9	6	6	3	5	7	4	2	1	2		2	1																	
29:	3	3	3	3	3		3	3		3	6	3	3	1	3	6	2	3		2		4	1	2		1			1											
27:	2	2	2	2	2		2	2		2	3	2	2		2	3	2	1		2		3	2	1		2		1	1	1										
25:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1		1	1			1		1	1	1	1				1	1				1

0 1 2 3 4: 5 6 7: 8 9 10 11 12:13 14 15 16:17:18 19 20 21 22:23:24 25:26 27:28 29 30:31 32 33 34:35 36:37 38:39

Character = 4200 '
x

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
82:	128	1																																						
80:	154	4																																						
78:	165	7																																						
76:	188	16																																						
74:	204	26																																						
72:	213	39																																						
70:	225	57																																						
68:	235	77	1																																					
66)-	228	93	3																																					
64:	235	117	10																																					
62:	225	130	17																																					
60:	213	142	32																																					
58:	204	151	47	3	1																																			
56:	188	152	63	7	3	2																																		
54:	165	144	75	13	8	5																																		
52:	154	141	88	24	14	10	1																																	
50:	128	122	86	31	23	14	2																																	
48:	110	108	87	40	31	22	7	1	2																															
46:	93	92	79	45	37	21	12	5	6																															
44:	74	74	68	47	42	24	19	14	13	1																														
42:	57	57	55	42	39	21	23	20	15	7	2																													
40:	47	47	46	40	38	15	27	25	13	15	5	2	1																											
38:	31	31	31	29	29	11	23	23	11	17	8	5	3	2																										
36:	24	24	24	23	23	6	21	21	6	19	12	8	6	3	2	1																								
34:	16	16	16	16	16	2	15	15	2	15	13	9	7	5	4	5	2	1																						
32:	10	10	10	10	10	1	10	10	1	10	12	8	8	4	6	8	3	2		2		2																		
30:	6	6	6	6	6		6	6		6	9	5	5	2	5	8	3	3		3		4	1	1		1														
28:	4	4	4	4	4		4	4		4	6	4	4	1	4	6	4	2		3		5	3	2		3		1	1	1										
26:	1	1	1	1	1		1	1		1	2	1	1		1	2	1	1		1		2	1	1		2		1	1	1	1	1				1				
24:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1		1	1			1		1		1	1			1	1				1	

0 1 2 3 4: 5 6 7: 8 9 10 11 12:13 14 15 16:17:18 19 20 21 22:23:24 25:26 27:28 29 30:31 32 33 34:35 36:37 38:39

Character = 2100 ′ x

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37
82:	64	1																																				
80:	80	3																																				
78:	80	4																																				
76:	96	10																																				
74:	106	15																																				
72:	104	20																																				
70:	116	31																																				
68:	122	41	1																																			
66:	112	46	2																																			
64:	122	61	6																																			
62:	116	66	9																																			
60:	104	69	16																																			
58:	106	77	24	1	1	1																																
56:	96	76	30	3	3	1																																
54:	80	69	35	5	5	3																																
52:	80	72	43	10	9	7																																
50:	64	60	40	14	14	8																																
48:	52	51	40	15	15	11	1	1	1																													
46:	48	47	39	20	20	16	3	3	3																													
44:	36	36	32	21	21	12	6	6	4	1	1																											
42:	26	26	25	17	17	15	7	7	8	2	2																											
40:	24	24	23	19	19	13	11	11	9	6	5																											
38:	14	14	14	13	13	8	9	9	7	6	7	1	1	2																								
36:	10	10	10	9	9	7	8	8	7	7	9	1	1	1		1		1																				
34:	8	8	8	8	8	4	7	7	4	7	9	3	3	3	1	2	1	1	1																			
32:	4	4	4	4	4	1	4	4	1	4	8	3	3	3	2	5	2	3	1		1																	
30:	2	2	2	2	2	1	2	2	1	2	5	1	1	1	1	4	1	3	1			1		1	1				1									
28:	2	2	2	2	2		2	2		2	3	2	2	1	2	3	2	1	1	1	1	2	1	1	1	1		1	1									
26:											1					1		1				1		1		1		1	1			1				1		1

0 1 2 3 4: 5 6 7: 8 9 10 11 12:13 14 15 16:17:18 19 20 21 22:23:24 25:26 27:28 29 30:31 32 33 34:35 36:37

Character = 2800 $'_z$

83:	85	1																																				
81:	88	1																																				
79:	107	5																																				
77:	125	9																																				
75:	124	13																																				
73:	143	24																																				
71:	154	35																																				
69:	146	42																																				
67:	161	61	2																																			
65:	161	72	4																																			
63:	146	79	9																																			
61:	154	95	18																																			
59:	143	99	25	1	1																																	
57:	124	96	35	2	2	3																																
55:	125	104	48	6	5	3																																
53:	107	94	51	12	11	7																																
51:	88	83	55	14	13	13																																
49:	85	81	60	23	21	12	2	1																														
47:	66	65	52	27	26	17	4	3	4																													
45:	51	51	46	26	25	19	7	6	7																													
43:	47	47	43	30	29	13	13	12	8	3	2																											
41:	32	32	31	26	26	14	14	14	11	5	4																											
39:	23	23	23	19	19	10	14	14	9	9	7	1	1																									
37:	20	20	20	19	19	4	15	15	4	12	10	3	2	1																								
35:	11	11	11	11	11	4	10	10	4	9	11	5	5	4	2	3	2	1			1																	
33:	7	7	7	7	7	1	7	7	1	7	10	3	3	1	1	4	1	3																				
31:	6	6	6	6	6		6	6		6	8	5	5	3	4	6	4	2	1	1	1	1	1															
29:	2	2	2	2	2		2	2		2	5	2	2	1	2	5	2	3		1	1	3	1	2		1		1	1									
27:	1	1	1	1	1		1	1		1	2	1	1		1	2	1	1		1		2	1	1		1		1	1									
25:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1	1	1	1			1		1		1	1		1		1		1	
	0	1	2	3	4:	5	6	7:	8	9	10	11	12:	13	14	15	16:	17:	18	19	20	21	22:	23:	24	25:	26	27:	28	29	30:	31	32	33	34:	35	36:	37

Character = $4096_{7}'$

83:	127	1																																		
81:	156	5																																		
79:	170	8																																		
77:	182	15																																		
75:	200	28																																		
73:	213	39																																		
71:	219	56																																		
69:	236	78	1																																	
67:	226	92	3																																	
65:	223	111	9																																	
63:	227	131	18																																	
61:	204	135	28																																	
59:	194	144	45	2	1	1																														
57:	185	148	59	6	3	2																														
55:	155	135	68	11	8	7																														
53:	142	130	80	18	13	12																														
51:	126	119	82	28	22	14	1																													
49:	98	96	76	33	29	23	3	1	3																											
47:	86	85	73	38	33	23	8	4	6																											
45:	69	69	62	42	39	21	14	11	11	1																										
43:	49	49	47	35	34	23	17	16	16	4	2																									
41:	41	41	40	33	32	14	21	20	12	11	5																									
39:	29	29	29	27	27	10	20	20	10	14	8	3	2	2																						
37:	18	18	18	17	17	7	15	15	7	13	11	4	4	3	1	1																				
35:	14	14	14	14	14	2	13	13	2	13	12	6	5	3	2	3	1	1																		
33:	8	8	8	8	8	1	8	8	1	8	11	6	6	5	4	6	3	2	1																	
31:	4	4	4	4	4		4	4		4	8	3	3	2	3	7	2	4		1		2		1												
29:	3	3	3	3	3		3	3		3	5	3	3	1	3	5	3	2	1	2		4	2	2	1	2		1	1							
27:	1	1	1	1	1		1	1		1	2	1	1		1	2	1	1		1		2	1	1		2		1	1	1	1	1				1
	0	1	2	3	4:	5	6	7:	8	9	10	11	12:	13	14	15	16:	17:	18	19	20	21	22:	23:	24	25:	26	27:	28	29	30:	31	32	33	34:	35

The first column is not palindromic.
The remaining coefficients are:

109:	1
107:	1
105:	3
103:	7
101:	9
99:	17
97:	25
95:	31
93:	47
91:	61
89:	72
87:	96
85:	113

Character = 4096 ′
x

	0	1	2	3	4:	5	6	7:	8	9	10	11	12:	13	14	15	16:	17:	18	19	20	21	22:	23:	24	25:	26	27:	28	29	30:	31	32	33	34:	35
84:	126	1																																		
82:	142	2																																		
80:	155	5																																		
78:	185	13																																		
76:	194	20																																		
74:	204	32																																		
72:	227	51																																		
70:	223	64																																		
68:	226	84	2																																	
66:	236	107	6																																	
64:	219	117	12																																	
62:	213	133	24																																	
60:	208	145	37	1																																
58:	182	141	49	3	2																															
56:	170	143	66	8	5	2																														
54:	156	138	76	16	11	5																														
52:	127	119	78	22	18	7																														
50:	113	109	82	30	24	15	2																													
48:	96	94	76	38	33	19	6	3	1																											
46:	72	72	64	38	35	20	10	7	4																											
44:	61	61	57	39	36	26	16	13	10	3	1																									
42:	47	47	45	37	36	21	20	19	12	7	3																									
40:	31	31	31	27	27	17	19	19	14	11	6	1	1	1																						
38:	25	25	25	23	23	15	19	19	14	16	10	3	2	1																						
36:	17	17	17	17	17	7	15	15	7	14	12	7	6	5	2	2	1																			
34:	9	9	9	9	9	4	9	9	4	9	12	5	5	4	3	5	1	2																		
32:	7	7	7	7	7	2	7	7	2	7	10	5	5	3	4	7	3	3	1	1		1														
30:	3	3	3	3	3		3	3		3	6	3	3	2	3	6	3	3	1	1		3	1	2	1	1										
28:	1	1	1	1	1		1	1		1	3	1	1		1	3	1	2		1		3	1	2		2		1	1							
26:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1		1	1			1		1	1	1	1	1			1	

The first column is not palindromic.
The remaining coefficients are:

108:	1
106:	3
104:	4
102:	8
100:	14
98:	18
96:	29
94:	41
92:	49
90:	69
88:	86
86:	98

Character = 840 $'_{x}$

78:	37	2																																
76:	35	2																																
74:	40	5																																
72:	44	8																																
70:	45	11																																
68:	43	14																																
66)-	50	21	1																															
64:	43	21	1																															
62:	45	27	5																															
60:	44	29	6																															
58:	40	30	10	1																														
56:	35	29	12	1																														
54:	37	32	17	4	1																													
52:	27	25	15	4	2																													
50:	27	26	20	7	3	1	1																											
48:	23	22	17	8	6	3	1																											
46:	18	18	16	10	7	2	3	1																										
44:	14	14	13	8	7	6	3	2	2																									
42:	14	14	13	11	10	4	6	5	2	2																								
40:	7	7	7	6	6	4	4	4	3	2				1																				
38:	8	8	8	7	7	4	6	6	4	5	1	1	1																					
36:	5	5	5	5	5	2	4	4	2	4	1	2	2	2	1																			
34:	3	3	3	3	3	1	3	3	1	3	2	2	2	1	1	1																		
32:	2	2	2	2	2	1	2	2	1	2	2	1	1	1	1	1																		
30:	2	2	2	2	2		2	2		2	2	2	2	1	2	2	1			1		1												
28:											1					1		1				1		1		1	1							
26:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1		1	1			1				1	1	1		1
	0	1	2	3	4:	5	6	7:	8	9	10	11	12:	13	14	15	16:	17:	18	19	20	21	22:	23:	24	25:	26	27:	28	29	30:	31	32	33

Character = 700 '
xx

80:	27	1																															
78:	26	1																															
76:	32	3																															
74:	34	4																															
72:	34	6																															
70:	37	9																															
68:	40	13																															
66)-	36	14																															
64:	40	20	2																														
62:	37	21	2																														
60:	34	23	5																														
58:	34	25	8																														
56:	32	26	11	2	1																												
54:	26	23	12	2	1																												
52:	27	25	16	5	2	1	1																										
50:	21	20	14	6	4	1	1																										
48:	18	18	15	7	4	2	2																										
46:	16	16	14	8	6	3	3	1																									
44:	13	13	12	9	7	2	4	2																									
42:	9	9	9	7	6	4	4	3	2	1																							
40:	9	9	9	8	7	3	6	5	2	3	1	1																					
38:	5	5	5	5	5	2	4	4	2	3	1	1																					
36:	4	4	4	4	4	2	4	4	2	4	2	2	1																				
34:	3	3	3	3	3	1	3	3	1	3	2	2	1	1	1	1																	
32:	2	2	2	2	2		2	2		2	2	2	2	1	2	2	1			1	1	1											
30:	1	1	1	1	1		1	1		1	1	1	1		1	1				1		1											
28:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1	1	1	1			1				1			1
	0	1	2	3	4:	5	6	7:	8	9	10	11	12:	13	14	15	16:	17:	18	19	20	21	22:	23:	24	25:	26	27:	28	29	30:	31	32

Character = 040 '
z

83:	35	1																														
81:	29																															
79:	38	3																														
77:	46	5																														
75:	37	5																														
73:	48	11																														
71:	51	15																														
69≻	40	14																														
67:	51	24	2																													
65:	48	25	2																													
63:	37	24	4																													
61:	46	32	9																													
59:	38	29	9	1																												
57:	29	25	12	1	1																											
55:	35	31	17	3	1	2																										
53:	25	23	14	5	4	1																										
51:	19	19	15	4	3	2																										
49:	22	21	17	8	6	6	1		1																							
47:	13	13	11	7	7	2	1	1																								
45:	10	10	10	6	5	6	2	1	3																							
43:	11	11	10	8	8	6	4	4	3	2																						
41:	5	5	5	5	5	2	3	3	2	1	1			1																		
39:	4	4	4	3	3	4	3	3	4	3	1																					
37:	4	4	4	4	4	2	3	3	2	3	2	1	1	1																		
35:	1	1	1	1	1		1	1		1	2	1	1	2	1	1																
33:	1	1	1	1	1	1	1	1	1	1	2					1		1														
31:	1	1	1	1	1		1	1		1	1	1	1	1	1	1	1		1						1							
29:											1					1		1				1		1		1						1
	0	1	2	3	4:	5	6	7:	8	9	10	11	12:	13	14	15	16:	17:	18	19	20	21	22:	23:	24	25:	26	27:	28	29	30:	31

Character = 2240 ′ $_x$

82:	86	2																													
80:	97	4																													
78:	101	7																													
76:	113	14																													
74:	120	21																													
72:	119	29																													
70:	126	41																													
68:	126	51	1																												
66:	119	59	4																												
64:	120	70	9																												
62:	113	75	15																												
60:	101	76	23	1																											
58:	97	79	32	3	1																										
56:	86	75	38	7	3																										
54:	72	67	42	10	5	1																									
52:	66	63	45	15	9	4	1																								
50:	54	53	42	20	14	5	3																								
48:	42	42	37	20	15	8	5	1																							
46:	37	37	34	23	19	11	9	5	2																						
44:	27	27	26	21	19	9	11	9	4	2																					
42:	19	19	19	16	15	10	11	10	7	5	1																				
40:	16	16	16	15	15	8	12	12	7	9	2	2	1																		
38:	10	10	10	10	10	4	9	9	4	8	3	4	3	2	1																
36:	6	6	6	6	6	3	6	6	3	6	4	3	2	1	1	1															
34:	5	5	5	5	5	1	5	5	1	5	4	4	4	2	3	2	1			1											
32:	2	2	2	2	2		2	2		2	3	2	2	1	2	3	1	1		1		1									
30:	1	1	1	1	1		1	1		1	2	1	1		1	2	1	1		1		2	1	1		1					
28:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1		1	1			1				1	1
	0	1	2	3	4:	5	6	7:	8	9	10	11	12:	13	14	15	16:	17:	18	19	20	21	22:	23:	24	25:	26	27:	28	29	30:	31

Character = 1400 $'_{zz}$

	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
81:	58	2																												
79:	62	3																												
77:	65	6																												
75:	74	11																												
73:	74	15																												
71:	75	21																												
69)-	80	29																												
67:	75	33	1																											
65:	74	40	4																											
63:	74	46	7																											
61:	65	46	11																											
59:	62	49	18	1																										
57:	58	49	22	4	1																									
55:	48	44	25	5	2																									
53:	44	42	29	9	4	1	1																							
51:	38	37	28	12	6	2	2																							
49:	29	29	25	13	9	3	3																							
47:	26	26	24	15	10	5	6	1																						
45:	20	20	19	15	12	6	7	4	1																					
43:	14	14	14	12	11	5	8	7	3	2																				
41:	12	12	12	11	10	6	9	8	5	6	1	1																		
39:	8	8	8	8	8	3	7	7	3	6	1	3	1																	
37:	5	5	5	5	5	2	5	5	2	5	2	3	2	1	1															
35:	4	4	4	4	4	1	4	4	1	4	2	3	2	1	2	1				1										
33:	2	2	2	2	2		2	2		2	2	2	2	1	2	2	1			1		1								
31:	1	1	1	1	1		1	1		1	1	1	1		1	1				1		1								
29:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1		1	1			1				1

Character = 1296 $'_z$

	0	1	2	3	4:	5	6	7:	8	9	10	11	12:	13	14	15	16:	17:	18	19	20	21	22:	23:	24	25:	26	27:	28
85:	44	1																											
83:	49	1																											
81:	56	3																											
79:	61	5																											
77:	66	9																											
75:	71	13																											
73:	72	18																											
71:	74	23																											
69:	74	30	1																										
67:	72	34	2																										
65:	71	40	5																										
63:	66	42	8																										
61:	61	44	12			1																							
59:	56	44	16	1	1	2																							
57:	49	42	19	2	2	3																							
55:	44	39	22	4	4	5																							
53:	37	35	23	6	6	6																							
51:	30	29	22	8	8	8			1																				
49:	25	25	20	9	9	8	1	1	2																				
47:	19	19	17	10	10	8	2	2	3																				
45:	15	15	14	9	9	7	3	3	4	1	1																		
43:	11	11	11	9	9	5	4	4	4	1	1																		
41:	7	7	7	6	6	4	4	4	4	2	2																		
39:	5	5	5	5	5	2	4	4	2	3	4																		
37:	3	3	3	3	3	1	3	3	1	3	4	1	1	1															
35:	2	2	2	2	2		2	2		2	4	1	1	1		1		1	1										
33:	1	1	1	1	1		1	1		1	3	1	1	1	1	3	1	2	1										
31:											1					1		1	1			1		1	1				1

Character = 2268 ′
x

84:	80	1																											
82:	93	3																											
80:	101	6																											
78:	112	11																											
76:	117	17																											
74:	125	26																											
72:	126	35																											
70)-	130	46	1																										
68:	126	55	2																										
66:	125	65	6																										
64:	117	71	10																										
62:	112	77	18																										
60:	101	77	24	1	1																								
58:	93	77	33	3	2																								
56:	80	71	37	6	5	2																							
54:	71	66	42	10	8	3																							
52:	58	56	40	13	12	7																							
50:	50	49	40	18	16	8	2	1																					
48:	38	38	33	18	17	12	3	2	1																				
46:	31	31	29	20	19	11	7	6	3																				
44:	22	22	21	16	16	12	8	8	6	2	1																		
42:	17	17	17	15	15	9	10	10	7	5	3																		
40:	11	11	11	10	10	7	8	8	6	6	4	1	1	1															
38:	8	8	8	8	8	4	7	7	4	6	5	2	2	1															
36:	4	4	4	4	4	2	4	4	2	4	5	2	2	2	1	2	1	1											
34:	3	3	3	3	3	1	3	3	1	3	4	2	2	1	1	2	1	1											
32:	1	1	1	1	1		1	1		1	2	1	1	1	1	2	1	1											
30:	1	1	1	1	1		1	1		1	2	1	1		1	2	1	1		1		2	1	1		1		1	
	0	1	2	3	4:	5	6	7:	8	9	10	11	12:	13	14	15	16:	17:	18	19	20	21	22:	23:	24	25:	26	27:	28

Character = 972 $'_x$

	0	1	2	3	4:	5	6	7:	8	9	10	11	12:	13	14	15	16:17:18	19	20	21	22:23:24	25:26
82:	38	1																				
80:	44	2																				
78:	46	4																				
76:	51	7																				
74:	51	10																				
72:	55	15																				
70)–	52	18																				
68:	55	24	1																			
66:	51	27	2																			
64:	51	31	5																			
62:	46	32	7																			
60:	44	34	12	1																		
58:	38	32	13	1																		
56:	36	32	18	4	1																	
54:	29	27	17	4	2	1																
52:	27	26	20	8	4	1	1															
50:	20	20	16	7	5	3	1															
48:	18	18	16	10	7	3	3	1														
46:	13	13	12	8	7	5	3	2	1													
44:	11	11	11	9	8	4	5	4	2	1												
42:	7	7	7	6	6	4	4	4	3	2												
40:	6	6	6	6	6	3	5	5	3	4	1	1	1									
38:	3	3	3	3	3	2	3	3	2	3	1	1	1	1								
36:	3	3	3	3	3	1	3	3	1	3	2	2	2	1	1	1						
34:	1	1	1	1	1		1	1		1	1	1	1	1	1	1						
32:	1	1	1	1	1		1	1		1	1	1	1		1	1		1		1		
																						1

Character = 3240 $'_z$

85:	116	1																									
83:	131	3																									
81:	145	7																									
79:	158	13																									
77:	168	22																									
75:	176	33																									
73:	181	47																									
71)-	182	61																									
69:	181	76	2																								
67:	176	89	6																								
65:	168	100	13																								
63:	158	107	22																								
61:	145	110	33	1																							
59:	131	108	44	4	2																						
57:	116	103	53	8	4	1																					
55:	100	93	58	14	9	3																					
53:	85	82	59	19	13	6	1																				
51:	70	69	56	25	19	10	3																				
49:	56	56	49	27	22	12	6	2																			
47:	44	44	41	28	24	15	10	6	3																		
45:	33	33	32	25	23	14	13	11	6	2																	
43:	24	24	24	21	20	13	14	13	9	6	2																
41:	17	17	17	16	16	9	13	13	8	9	3	2	1														
39:	11	11	11	11	11	6	10	10	6	9	5	3	2	1													
37:	7	7	7	7	7	3	7	7	3	7	5	4	3	2	1	1											
35:	4	4	4	4	4	1	4	4	1	4	5	3	3	2	2	3	1	1									
33:	2	2	2	2	2		2	2		2	3	2	2	1	2	3	1	1		1		1					
31:	1	1	1	1	1		1	1		1	2	1	1		1	2	1	1		1		2	1	1		1	
	0	1	2	3	4:	5	6	7:	8	9	10	11	12:	13	14	15	16:	17:	18	19	20	21	22:	23:	24	25:	26

Character = $350'_x$

	0	1	2	3	4:	5	6	7:	8	9	10	11	12:	13	14	15	16:	17:	18	19	20	21	22:	23:	24
84:	17	1																							
82:	16	1																							
80:	14	1																							
78:	23	4																							
76:	18	3																							
74:	18	5																							
72)-	24	8																							
70:	18	7																							
68:	18	9	1																						
66:	23	13	2																						
64:	14	9	1																						
62:	16	12	4																						
60:	17	13	4			1																			
58:	10	9	4	1	1																				
56:	11	10	6			2																			
54:	11	10	6	2	2	2																			
52:	5	5	4	1	1	1																			
50:	7	7	6	2	2	4			1																
48:	5	5	4	3	3	2																			
46:	2	2	2	1	1	2			1																
44:	3	3	3	2	2	3	1	1	2																
42:	2	2	2	2	2	1	1	1	1	1	1														
40:						1			1		1														
38:	1	1	1	1	1	1	1	1	1	1	1														
36:											1			1					1						
34:											1					1		1							
32:																			1						1

Character = $1575'_x$

	0	1	2	3	4:	5	6	7:	8	9	10	11	12:	13	14	15	16:	17:	18	19	20	21	22:	23:	24
86:	60	1																							
84:	61	1																							
82:	71	4																							
80:	82	7																							
78:	77	9																							
76:	89	17																							
74:	92	23																							
72)-	85	27																							
70:	92	38	1																						
68:	89	43	2																						
66:	77	45	5																						
64:	82	54	11																						
62:	71	52	13																						
60:	61	50	20	1	1																				
58:	60	52	25	3	2	2																			
56:	48	44	25	6	5	2																			
54:	38	37	26	6	6	4																			
52:	37	36	28	11	9	7	1																		
50:	25	25	21	11	11	6	1	1																	
48:	20	20	19	11	10	8	3	2	2																
46:	17	17	16	12	11	9	5	4	3	1															
44:	10	10	10	9	9	5	5	5	3	1	1														
42:	7	7	7	6	6	6	5	5	5	3	2														
40:	6	6	6	6	6	3	5	5	3	4	3	1													
38:	2	2	2	2	2	1	2	2	1	2	3	1	1	1											
36:	2	2	2	2	2	1	2	2	1	2	3	1	1			1		1							
34:	1	1	1	1	1		1	1		1	2	1	1	1	1	2	1	1	1						
32:											1					1		1				1		1	

Character = $1400_x'$

	0	1	2	3	4:	5	6	7:	8	9	10	11	12:	13	14	15	16:	17:	18	19	20	21	22:	23:	24
84:	62	2																							
82:	61	2																							
80:	66	5																							
78:	77	10																							
76:	76	13																							
74:	74	18																							
72)-	86	28																							
70:	74	29																							
68:	76	38	3																						
66:	77	44	4																						
64:	66	44	8																						
62:	61	46	13																						
60:	62	50	19	2	1																				
58:	45	40	19	2	2																				
56:	45	42	27	5	3	1																			
54:	38	36	24	8	6	3																			
52:	28	28	23	10	8	2	1																		
50:	24	24	21	10	8	7	2																		
48:	21	21	19	14	12	5	5	3																	
46:	11	11	11	8	8	5	4	4	2																
44:	12	12	12	10	9	6	7	6	4	3	1														
42:	7	7	7	7	7	3	5	5	2	3	1	1													
40:	4	4	4	4	4	2	4	4	2	3	2	1	1												
38:	3	3	3	3	3	2	3	3	2	3	2	1													
36:	2	2	2	2	2		2	2		2	2	2	2	1	1	1	1								
34:											1					1		1							
32:	1	1	1	1	1		1	1		1	1	1	1		1	1	1			1		1	1		

Character = $1050_x'$

	0	1	2	3	4:	5	6	7:	8	9	10	11	12:	13	14	15	16:	17:	18	19	20	21
84:	43	1																				
82:	40	2																				
80:	40	3																				
78:	57	7																				
76:	55	9																				
74:	58	14																				
72)-	60	19																				
70:	58	23																				
68:	55	27	1																			
66:	57	33	4																			
64:	48	32	5																			
62:	48	36	11																			
60:	43	35	13	1																		
58:	37	33	17	3	1																	
56:	32	30	18	4	2	1																
54:	29	28	20	7	3	1	1															
52:	21	21	17	7	5	2	1															
50:	20	20	18	10	6	3	3															
48:	14	14	13	9	7	4	3	1														
46:	11	11	11	9	7	3	5	3	1													
44:	8	8	8	7	6	5	5	4	3	2												
42:	6	6	6	6	6	2	5	5	2	3	1	1										
40:	3	3	3	3	3	2	3	3	2	3	1	1										
38:	3	3	3	3	3	1	3	3	1	3	1	2	1									
36:	1	1	1	1	1		1	1		1	1	1	1	1	1	1						
34:	1	1	1	1	1		1	1		1	1	1	1		1	1				1		1

Character = $525_x'$

84:	24	1																			
82:	23	1																			
80:	24	2																			
78:	30	4																			
76:	28	5																			
74:	28	7																			
72)-	33	11																			
70:	28	11																			
68:	28	14	1																		
66:	30	17	2																		
64:	24	16	3																		
62:	23	17	5																		
60:	24	19	7	1	1																
58:	17	15	7	1	1																
56:	16	15	9	1	1	1															
54:	15	14	9	3	3	1															
52:	10	10	8	3	3	1															
50:	9	9	8	3	3	3															
48:	8	8	7	5	5	2	1	1													
46:	4	4	4	3	3	2	1	1	1												
44:	4	4	4	3	3	3	2	2	2	1	1										
42:	3	3	3	3	3	1	2	2	1	1	1										
40:	1	1	1	1	1	1	1	1	1	1	1										
38:	1	1	1	1	1	1	1	1	1	1	1										
36:	1	1	1	1	1		1	1		1	1	1	1	1	1	1	1				1
	0	1	2	3	4:	5	6	7:	8	9	10	11	12:	13	14	15	16:	17:	18	19	20

Character = $175_x'$

80:	10	1																		
78:	7																			
76:	10	2																		
74:	10	2																		
72)-	9	3																		
70:	10	4																		
68:	10	5																		
66:	7	4																		
64:	10	7	2																	
62:	7	5	1																	
60:	7	6	3																	
58:	7	6	3	1																
56:	5	5	3	1																
54:	4	4	3	1	1															
52:	5	5	4	2			1													
50:	2	2	2	1	1															
48:	3	3	3	2	1		1													
46:	2	2	2	2	1	1	1													
44:	1	1	1	1	1		1	1												
42:	1	1	1	1	1	1	1	1	1	1										
40:	1	1	1	1	1		1	1		1		1								
38:																				
36:	1	1	1	1	1		1	1		1		1	1		1					1
	0	1	2	3	4:	5	6	7:	8	9	10	11	12:	13	14	15	16:	17:	18	19

Character = 56_z'

83:	5	1																	
81:	1																		
79:	4	1																	
77:	5	1																	
75)-																			
73:	5	2																	
71:	4	2																	
69:	1																		
67:	5	3	1																
65:	2	1																	
63:	1	1																	
61:	4	3	1			1													
59:	1	1																	
57:	1	1	1			1													
55:	2	2	1																
53:						1													
51:	1	1	1			1													
49:	1	1	1	1	1														
47:						1			1										
45:																			
43:																			
41:											1								
39:																			
37:																			1
	0	1	2	3	4:	5	6	7:	8	9	10	11	12:	13	14	15	16:	17:	18

Character = 1008_z'

87:	44	1																	
85:	45	1																	
83:	48	3																	
81:	57	6																	
79:	55	8																	
77:	56	12																	
75)-	62	18																	
73:	56	20																	
71:	55	25	1																
69:	57	30	2																
67:	48	30	4																
65:	45	32	7																
63:	44	34	10																
61:	34	29	12	1	1	1													
59:	31	28	15	1	1	2													
57:	28	26	16	4	4	2													
55:	19	19	14	4	4	5													
53:	17	17	14	5	5	4													
51:	14	14	12	7	7	4	1	1	1										
49:	8	8	8	5	5	5	1	1	2										
47:	7	7	7	5	5	3	2	2	2										
45:	5	5	5	5	5	2	3	3	2	1	1								
43:	2	2	2	2	2	2	2	2	2	1	1								
41:	2	2	2	2	2		2	2		2	2								
39:	1	1	1	1	1		1	1		1	1	1	1	1					
37:											1					1		1	
	0	1	2	3	4:	5	6	7:	8	9	10	11	12:	13	14	15	16:	17:	18

Character = $1400'_z$

	0	1	2	3	4:	5	6	7:	8	9	10	11	12:	13	14	15	16:	17:	18
85:	64	2																	
83:	72	4																	
81:	70	6																	
79:	79	12																	
77:	82	17																	
75)-	76	21																	
73:	82	30																	
71:	79	35	1																
69:	70	38	3																
67:	72	45	6																
65:	64	45	9																
63:	54	43	14																
61:	53	45	19	2	1														
59:	43	39	20	3	2														
57:	34	33	22	4	3	1													
55:	32	31	23	7	5	3													
53:	23	23	19	9	8	3													
51:	17	17	16	8	7	5	1												
49:	15	15	14	10	9	7	3	2	1										
47:	9	9	9	8	8	4	4	4	2										
45:	6	6	6	5	5	5	4	4	4	2	1								
43:	5	5	5	5	5	3	4	4	3	3	1								
41:	2	2	2	2	2	1	2	2	1	2	1	1	1	1					
39:	1	1	1	1	1	1	1	1	1	1	1								
37:	1	1	1	1	1		1	1		1	1	1	1	1	1	1	1		

Character = $1344'_x$

	0	1	2	3	4:	5	6	7:	8	9	10	11	12:	13	14	15
86:	60	1														
84:	61	2														
82:	69	5														
80:	75	9														
78:	72	12														
76:	78	19														
74;)-	78	25														
72:	72	29														
70:	75	37	2													
68:	69	40	4													
66:	61	41	7													
64:	60	45	12													
62:	51	42	15	1												
60:	44	39	19	2	1											
58:	40	37	22	4	2	1										
56:	31	30	21	6	4	1										
54:	25	25	20	7	5	3										
52:	21	21	18	9	7	5	1									
50:	15	15	14	9	8	4	2	1								
48:	11	11	11	8	7	6	3	2	2							
46:	8	8	8	7	7	5	4	4	3	1						
44:	5	5	5	5	5	3	4	4	3	2	1					
42:	3	3	3	3	3	3	3	3	3	3	1					
40:	2	2	2	2	2	1	2	2	1	2	1	1	1	1		
38:	1	1	1	1	1		1	1		1	1	1	1	1	1	1

Character = $448'_z$

	0	1	2	3	4:	5	6	7:	8	9	10	11	12:	13	14
83:	22	1													
81:	24	2													
79:	24	3													
77:	25	5													
75)-	26	7													
73:	25	9													
71:	24	11													
69:	24	13	1												
67:	22	14	2												
65:	19	14	3												
63:	19	15	5												
61:	16	14	6	1											
59:	13	12	7	1											
57:	13	12	8	2	1										
55:	9	9	7	3	1										
						1									
53:	7	7	6	2	1										
						1									
51:	7	7	6	4	3		1								
						1									
49:	4	4	4	3	2		1								
						2			1						
47:	3	3	3	2	2		1	1							
						1			1						
45:	3	3	3	3	3		2	2		1					
						1			1						
43:	1	1	1	1	1		1	1		1					
						1			1						
41:	1	1	1	1	1		1	1		1					
39:	1	1	1	1	1		1	1		1		1	1	1	1

Character = $300'_x$

	0	1	2	3	4:	5	6	7:	8	9	10	11	12:	13
84:	20	2												
82:	15	1												
80:	16	3												
78)-	20	5												
76:	16	5												
74:	15	6												
72:	20	10	1											
70:	12	7												
68:	14	10	2											
66:	14	10	2											
64:	9	8	3											
62:	9	8	4											
60:	10	9	5	1										
58:	4	4	3	1	1									
						1								
56:	6	6	5	1										
						1								
54:	4	4	3	2	2									
52:	2	2	2	1	1									
						3			1					
50:	2	2	2	1	1									
48:	2	2	2	2	2		1	1						
						1			1					
46:														
						1			1					
44:	1	1	1	1	1		1	1		1				
42:														1

Character = $700_x'$

86:	35	1												
84:	37	2												
82:	39	4												
80:	39	6												
78)-	42	10												
76:	39	12												
74:	39	16												
72:	37	18												
70:	35	21	2											
68:	31	21	3											
66:	30	23	6											
64:	24	20	7											
62:	22	20	10	1										
60:	18	17	10	2	1									
58:	15	15	11	3	1									
56:	11	11	9	3	2	1								
54:	10	10	9	5	3	1	1							
52:	6	6	6	4	3	2	1							
50:	5	5	5	4	3	2	2	1						
48:	3	3	3	3	3	2	2	2	1					
46:	2	2	2	2	2	1	2	2	1	1				
44:	1	1	1	1	1	1	1	1	1	1				
42:	1	1	1	1	1		1	1		1		1	1	
	0	1	2	3	4:	5	6	7:	8	9	10	11	12:	13

Character = $400_z'$

85:	21	1										
83:	23	2										
81:	20	2										
79;)-	24	5										
77:	24	6										
75:	20	7										
73:	23	10										
71:	21	11										
69:	17	11	1									
67:	19	14	3									
65:	15	12	3									
63:	12	11	5									
61:	13	12	7	1								
59:	9	9	6	2	1							
57:	7	7	6	2	1							
55:	7	7	6	3	1	1	1					
53:	4	4	4	3	2		1					
51:	3	3	3	2	1	1	1					
49:	3	3	3	3	2	1	2	1				
47:	1	1	1	1	1		1	1				
45:	1	1	1	1	1	1	1	1	1	1		
43:	1	1	1	1	1		1	1		1		1
	0	1	2	3	4;	5	6	7;	8	9	10	11

Character = $567_x'$

88:	29	1									
86:	31	2									
84:	32	3									
82:	34	5									
80)-	33	7									
78:	34	10									
76:	32	12									
74:	31	14									
72:	29	16	1								
70:	26	17	2								
68:	23	17	3								
66:	21	17	5								
64:	17	15	6								
62:	15	14	8	1	1	1					
60:	11	11	7	1	1	1					
58:	9	9	7	2	2	2					
56:	7	7	6	2	2	2					
54:	5	5	5	3	3	2					
52:	3	3	3	2	2	2			1		
50:	2	2	2	2	2	1	1	1	1		
48:	1	1	1	1	1	1	1	1	1		
46:	1	1	1	1	1		1	1		1	1
	0	1	2	3	4:	5	6	7:	8	9	10

Character = $560_z'$

87:	33	2								
85:	31	2								
83:	31	4								
81)-	36	7								
79:	31	8								
77:	31	11								
75:	33	15								
73:	26	14								
71:	26	17	2							
69:	25	18	3							
67:	18	15	4							
65:	18	16	7							
63:	15	14	7	1						
61:	10	10	7	1	1	1				
59:	10	10	8	2	1	1				
57:	7	7	6	3	2	1				
55:	4	4	4	2	2	2				
53:	4	4	4	3	2	1	1			
51:	2	2	2	2	2	1	1	1	1	
49:	1	1	1	1	1	1	1	1	1	
47:	1	1	1	1	1		1	1		1
	0	1	2	3	4:	5	6	7:	8	9

Character = 160$_z$'

	0	1	2	3	4:	5	6	7:	8
89:	11	1							
87:	7								
85:	11	2							
83:	11	2							
81:	7	2							
79:	11	4							
77:	9	4							
75:	6	3							
73:	9	6	1						
71:	6	4							
69:	4	4	1						
67:	6	5	2						
65:	3	3	1						
63:	2	2	2			1			
61:	3	3	2						
59:	1	1	1	1	1	1			
57:	1	1	1			1			
55:	1	1	1	1	1				
53:						1			1

Character = 210$_x$'

	0	1	2	3	4:	5	6	7:	8
88:	13	1							
86:	13	1							
84)-	12	2							
82:	13	3							
80:	13	4							
78:	10	4							
76:	12	6							
74:	10	6							
72:	8	6	1						
70:	8	6	1						
68:	7	6	2						
66:	4	4	2						
64:	5	5	3						
62:	3	3	2	1	1				
60:	2	2	2			1			
58:	2	2	2	1	1				
56:	1	1	1	1	1	1			
54:									
52:	1	1	1	1	1		1	1	

Character = $50_x'$

112:	1						
110:							
108:	1						
106:	1						
104:	1						
102:	1						
100:	2						
98:	1						
96:	3						
94:	2						
92:	2						
90:	3						
88:	3						
86:	2						
84:	4	1					
82:	2						
80:	3	1					
78:	3	1					
76:	2	1					
74:	2	1					
72:	3	2					
70:	1	1					
68:	2	2	1				
66:	1	1					
64:	1	1	1				
62:	1	1	1				
60:	1	1	1	1			
58:							
56:	1	1	1	1			1
	0	1	2	3	4:	5	6

Character = $28_x'$

112:	1					
110:						
108:	1					
106:	1					
104:						
102:	2					
100:	2					
98:						
96:	3					
94:	1					
92:	1					
90:	4	1				
88:	1					
86:	1					
84:	3	1				
82:						
80:	2	1				
78:	2	1				
76:						
74:	1	1				
72:	1	1				
70:						
68:	1	1	1			
66:						
64:						
						1
	0	1	2	3	4:	5

Character = $112_z'$

117:	1					
115:	1					
113:	1					
111:	2					
109:	2					
107:	3					
105:	4					
103:	4					
101:	5					
99:	6					
97:	6					
95:	7					
93:	7					
91:	7					
89:	7	1				
87:	7	1				
85:	7	2				
83:	6	2				
81:	6	3				
79:	5	3				
77:	4	3				
75:	4	3				
73:	3	3	1			
71:	2	2	1			
69:	2	2	1			
67:	1	1	1			
65:	1	1	1			
63:	1	1	1	1	1	
	0	1	2	3	4:	5

Character = $84_x'$

116:	1			
114:	1			
112:	1			
110:	2			
108:	2			
106:	2			
104:	4			
102:	3			
100:	4			
98:	5			
96:	4			
94:	5			
92:	6			
90:	4			
88:	6	1		
86:	5	1		
84:	4	1		
82:	5	2		
80:	4	2		
78:	3	2		
76:	4	3		
74:	2	2		
72:	2	2	1	
70:	2	2	1	
68:	1	1	1	
66:	1	1	1	
64:	1	1	1	1
	0	1	2	3

Character = $35_x'$

118:	1		
116:			
114:	1		
112:	1		
110:	1		
108:	2		
106:	2		
104:	1		
102:	3		
100:	2		
98:	2		
96:	3		
94:	2		
92:	2		
90:	3	1	
88:	1		
86:	2	1	
84:	2	1	
82:	1	1	
80:	1	1	
78:	1	1	
76:			
74:	1	1	1
	0	1	2

Character = $8_z'$

119:	1	
117:		
115:		
113:	1	
111:		
109:	1	
107:	1	
105:		
103:	1	
101:	1	
99:		
97:	1	
95:		
93:		
91:	1	1
	0	1

Character = $1_x'$

120:	1
	0

II. Inclusions and branching of closures of unipotent classes

Let $u, v \in G$ be unipotent, $\phi \in A(u)^\wedge$ and $\rho = \rho_{v,1} \in W^\wedge$. Then u is in the closure X of the class of v if and only if $n_{u,1,\beta(v),\rho} \neq 0$. Moreover, $n_{u,\phi,\beta(v),\rho}$ is the multiplicity of ϕ in the permutation representation of A(u) on the set of branches of X at u.

We give here the integers $n_{u,\phi,\beta(v),\rho}$ $(\rho = \rho_{v,1})$. The pair (u,ϕ) is labelled as before and v is assigned the number corresponding to $(v,1)$.

If r,s correspond respectively to (u,ϕ), $(v,1)$, let $n_{r,s} = n_{u,\phi,\beta(v),\rho}$. Then $n_{r,s} = 0$ if $r > s$. Moreover:

for E_7 : $n_{r,s} = n_{r,31}$ if $r \leq 20$ and $s \geq 31$;

for E_8 :

$$n_{r,s} = \begin{cases} n_{r,36} & \text{if } r \leq 31,\ r \neq 20 \text{ and } s \geq 36 \\ n_{r,82} & \text{if } r = 20 \text{ or } 32 \leq r \leq 66 \text{ and } s \geq 82 \text{ or } s = 77. \end{cases}$$

The remaining values are given in the table.

To save space, the line and the column 21 in the table for E_7 have been displaced. For E_8 the lines and the columns 20 and 77 have been displaced.

Inclusions and branching of closures of unipotent classes in E_8.

112:	1																											
111:	1	1																										
110:	1	1	1																									
109:																												
108:	1	1	1	1																								
107:	1	1	1	1	1																							
106:																												
105:	1	1	1	1		1																						
104:																												
103:	1	1	1	1	1	1	1																					
102:	1	1	1	1	1	1	1	1																				
101:																												
100:	1	1	1	1	1	1	1		1																			
99:	1	1	1	1	1	1	1		1	1																		
98:																												
97:								1																				
96:	1	1	1	1	1	1	1	1	1		1																	
95:	1	1	1	1	1	1	1	2	1		1	1																
94:																												
93:								1																				
92:	1	1	1	1	1	1	1	1	1	1	1		1															
91:	1	1	1	1	1	1	1	1	1		1	1		1														
90:																												
89:	1	1	1	1	1	1	1	2	1	1	1	1	1		1													
88:																												
87:																												
86:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1												
85:																												
84:	1	1	1	1	1	1	1	2	1	1	1	1	1		1		1											
77:	1	1	1	1	1	1	1	2	1	1	1	1	1		1		1	1										
83:																												
82:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1									
81:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				1								
80:	1	1	1	1	1	1	1	1	1		1	1		1							1							
79:																												
78:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1		1						
76:																												
75:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1		1		1					
74:																												
73:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1		1				
72:																												
71:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
70:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1		1		1		
69:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
68:																					1		1		1			
67:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			1
	112	111	110	108	107	105	103	102	100	99	96	95	92	91	89	86	84	77	82	81	80	78	75	73	71	70	69	67

82:	1																														
81:		1																													
80:			1																												
79:																															
78:	1	1		1																											
76:																															
75:	1		1		1																										
74:																															
73:	1	1		1		1																									
72:																															
71:	1	1	1	1	1	1	1																								
70:	1	1		1		1		1																							
69:	1	1	1	1	1	1	1	1	1																						
68:			1		1		1																								
67:	1	1	1	1	1	1	1			1																					
66:	1	1	1	1	1	1	1			1	1																				
65:																															
64:																															
63:																															
62:																															
61:										1																					
60:			1		1		1		1	1																					
59:	1	1	1	1	1	1	1	1	1	1		1																			
58:																															
57:			1		1		1		1	2																					
56:	1	1	2	1	2	1	2	1	2	3	1	1	1																		
55:			1		1		1		1	2	1		1																		
54:	1	1	2	1	2	1	2	1	2	3	1	1	1	1																	
53:			1		1		1		1	1																					
52:	1	1	2	1	2	1	2	1	2	3	1	1	1		1																
51:	1	1	2	1	2	1	2	1	2	3	2	1	2	1	1	1															
50:	1	1	2	1	2	1	2	1	2	2	1	1	1	1	1		1														
49:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1													
48:	1	1	1	1	1	1	1			1	1								1												
47:			1		1		1		1	1																					
46:	1	1	2	1	2	1	2	1	2	3	1	1	1		1				1	1											
45:																															
44:	1	1	2	1	2	1	2	1	2	2	1	1	1	1	1		1				1										
43:	1	1	2	1	2	1	2	1	2	3	2	1	2	1	1	1			1	1		1									
42:	1	1	2	1	2	1	2	1	2	2	1	1	1	1	1		1		1	1	1		1								
41:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			1			1							
40:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
39:																															
38:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					
37:																															
36:	1	1	2	1	2	1	2	1	2	2	1	1	1	1	1		1		1	1	1		1				1				
35:																															
34:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
33:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			1		
32:	1	1	2	1	2	1	2	1	2	2	1	1	1	1	1		1		1	1	1		1				1			1	
20:	1	1	2	1	2	1	2	1	2	2	1	1	1	1	1		1		1	1	1		1				1			1	1
	82	81	80	78	75	73	71	70	69	67	66	59	56	54	52	51	50	49	48	46	44	43	42	41	40	38	36	34	33	32	20

	36	34	33	32	20	30	29	27	25	22	21	19	16	15	14	12	11	10	9	7	6	4	3	2	1	0
36:	1																									
35:																										
34:	1	1																								
33:			1																							
32:	1			1																						
20:	1			1	1																					
31:																										
30:	1	1	1			1																				
29:	1	1	1	1		1	1																			
28:																										
27:	1	1						1																		
26:																										
25:	1	1	1	1		1	1	1	1																	
24:																										
23:								1	1																	
22:	1	1	1	1		1	1	1	1	1																
21:	1	1	1	1		1	1	2	2	1	1															
19:	1	1	1	1		1	1	1	1	1	1	1														
18:																										
17:								1	1																	
16:	1	1	1	1	1	1	1	1	1	1			1													
15:	1	1	1	1	1	1	1	2	2	1	1		1	1												
14:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1											
13:					1								1	1	1											
12:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1										
11:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1									
10:	1	1	1	1	1	1	1	2	2	1	1		1	1				1								
9:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1							
8:																										
7:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
6:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1					
5:																										
4:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1				
3:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
2:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
1:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
0:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Inclusions and branching of unipotent classes in E_7.

59:	1																											
58:	1	1																										
57:	1	1	1																									
56:	1	1	1	1																								
55:																												
54:	1	1	1		1																							
53:	1	1	1		1	1																						
52:																												
51:	1	1	1	1	1		1																					
50:																												
49:	1	1	1	1	1	1	1	1																				
48:	1	1	1	1	1	1	1	1	1																			
47:	1	1	1	1	1	1	1	1		1																		
46:	1	1	1	1	1	1	1	1			1																	
45:	1	1	1	1	1	1	1	1	1	1		1																
44:																												
43:									1																			
42:	1	1	1	1	1	1	1	1	1	1	1		1															
41:	1	1	1	1	1	1	1	1	2	1	1		1	1														
40:									1																			
39:	1	1	1	1	1	1	1	1	2	1	1	1	1		1													
38:	1	1	1	1	1	1	1	1	1	1	1		1	1		1												
37:	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1		1											
36:	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1			1										
35:																												
34:	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1			1	1									
33:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1								
32:																												
31:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1							
30:	1	1	1	1	1	1	1	1	1	1	1		1	1		1						1						
29:	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1			1	1				1					
21:	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1			1	1				1	1				
28:																												
27:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			1			
26:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1			1		
25:																												
24:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	
23:																						1			1		1	
22:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1	1
	59	58	57	56	54	53	51	49	48	47	46	45	42	41	39	38	37	36	34	33	31	30	29	21	27	26	24	22

31:	1																								
30:		1																							
29:			1																						
21:			1	1																					
28:																									
27:	1	1			1																				
26:	1		1			1																			
25:																									
24:	1	1	1		1	1	1																		
23:		1			1		1																		
22:	1	1	1		1	1	1	1																	
20:	1	1	1		1	1	1	1	1																
19:																									
18:		1			1		1	1																	
17:	1	1	1	1	1	1	1	1		1															
16:	1	2	1	1	2	1	2	2	1	1	1														
15:	1	1	1	1	1	1	1	1	1	1	1	1													
14:	1	1	1		1	1	1	1	1				1												
13:	1	2	1	1	2	1	2	2	1	1	1		1	1											
12:	1	1	1	1	1	1	1	1	1	1	1	1	1		1										
11:	1	1	1	1	1	1	1	1	1	1	1	1				1									
10:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1								
9:																									
8:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1							
7:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1						
6:																									
5:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1					
4:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
3:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			1			
2:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		
1:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
0:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
	31	30	29	21	27	26	24	22	20	17	16	15	14	13	12	11	10	8	7	5	4	3	2	1	0